



Dynamic noncooperative game theory pdf

Listed in reverse chronological order in each of eight categories below: Books Monographs Edited Volumes Articles in Edited Volumes Journal Articles and Communication Wireless and Communication Networks: Modeling, Analysis, and Design. Cambridge University Press, 2019. S. Yüksel and T. Başar. Stochastic Networked Control Systems: Stabilization and Optimization under Information Constraints. Systems & Control: Foundations and Applications Series, Birkhäuser, Boston, MA, June 2013. Z. Han, D. Niyato, W. Saad, T. Başar, and A. Hjorungnes. Game Theory in Wireless and Communication Networks: Theory, Models, and Applications. Cambridge University Press, October 2011. T. Alpcan and T. Başar. Network Security: A Decision and G. J. Olsder. Dynamic Noncooperative Game Theory. SIAM Series in Classics in Applied Mathematics, Philadelphia, January 1999 (Revised, updated version of the 1995 Academic Press book with the same title.) T. Basar and G. J. Olsder. Dynamic Game Approach. Birkhäuser, Boston, MA, August 1995. (Revised 2nd edition of 1991 book with the same title) T. Basar and G. J. Olsder. Dynamic Noncooperative Game Theory. Academic Press, London/New York, January 1995. (Revised 2nd edition of 1982 book with the same title.) T. Basar and P. Bernhard. H-infinity Optimal Control and Related Minimax Design Problems: A Dynamic Game Approach. Birkhäuser, Boston, MA, 1991. T. Basar and G. J. Olsder. Dynamic Noncooperative Game Theory. Academic Press, London/New York, 1982; second printing 1989. T. Başar, S. Meyn, and W.R. Perkins. Lecture Notes on Control System Theory and Design. University of Illinois, October 1990. T. Başar. Notes on Stochastic Control of Linear Systems in the Continuous Time, University of Illinois, 1982; second printing, 1990. T. Başar. Lecture Notes on Optimization Theory (in Turkish), Marmara Research Institute Publication, Gebze, Kocaeli, Turkey, 1976. T. Başar, editor. Uncertainty in Complex Networked Systems: In Honor of Roberto Tempo, Systems & Control: Foundations and Applications Series, Birkhäuser, Boston, MA, 2019. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar and G. Zaccour, editors. Handbook of Dynamic Games), Springer International Publishing, 2018. T. Başar 2018. T. Başar, editor. Control Theory: Twenty-Five Seminal Papers (1932-1981), IEEE Press, January 2001. T. Başar, editor. Mac Van Valkenburg Memorial Symposium (November 15, 1997), UIUC ECE Publications Office, May 1998. T. Başar and A. Haurie, editors. Advances in Dynamic Games and Applications, Annals of the International Society of Dynamic Games, vol. 1, Birkhäuser, Boston, MA, March 1994. T. Başar and P. Bernhard, editors. Differential Games and Applications, Lecture Notes in Control and Information Sciences, vol. 119, Springer-Verlag, Berlin, 1989. T. Başar, editor. Dynamic Games and Applications in Economics, Lecture Notes in Economics, and Mathematical Systems, vol. 265, Springer-Verlag, Berlin, 1986. T. Basar, editor. Preprints of the 4th IFAC/IFORS/IIASA Conference on Modelling and Control of National Economies. McGregor-Werner, Washington, DC, 1983. 2021 K. Zhang, Z. Yang, and T. Basar. Multi-agent reinforcement learning: A selective overview of theories and algorithms. In K. G. Vamvoudakis et al. (eds.) Handbook of Reinforcement Learning and Control, Studies in Systems, Decision and Control 325, Springer Nature Switzerland AG 2021, pp. 321-384. M.O. Sayin, D. Sahabandu, M.A. uz Zaman, R. Poovendran, and T. Başar. Minimax detection (MAD) for computer security: a dynamic program characterization. In C.A. Ferrari, Kamhoua, C.D. Kiekintveld, F. Fang, and Q. Zhu (Eds.) Game Theory and Machine Learning for Cyber Security, Chapter 7, IEEE Press, 2021, to appear. M.O. Sayin and T. Başar. Deception-as-defense framework for cyber-Physical systems. In R.M.G. Ferrari and A.M.H. Teixeira (Eds.) Safety, Security, and Privacy for Cyber-Physical Systems, Lecture Notes in Control and Information Sciences 486, Springer Nature, 2021, chapter 13 (31 pages), DOI: 10.1007/978-3-030-65048-3_13 (to appear). 2020 M.-Q. Xiao and T. Başar. Optimal control of nonlinear uncertain systems over an infinite horizon via finite-horizon approximations. In C. Cruz-Hernandez, A.A. Martynyuk and A.G. Mazko (Eds.) Advances in Stability, Oscillations and Optimization of Systems, Cambridge Scientific Publishers, Vol. 11, 2020, chapter 4, pp. 63-78, to appear. P.E. Pare, J. Liu, C.L. Beck, and T. Başar., and A. Nedich. Parametric learning, analysis and validation for networked epidemic processes. In P.-Y. S. Hsueh, M. Saqi, F. Rahmanian, M.A. Ahmad, and P. Agapow (Eds.) Machine Learning for Medicine and Healthcare, 2020, to appear. 2019 F. De Pellegrini, A. Massaro, and T. Başar. The Stackelberg equilibria of the Kelly mechanism. In J. Walrand, Q. Zhu, Y. Hayel, T. Jaminez (Eds.) Network Games, Control, and Optimization, Static & Dynamic Game Theory: Foundations, Birkhäuser/Springer, 2019, pp. 107-123. [Proc. NetGCooP 2018 (9th International Conference on Network Games, Control and Optimization), November 14-16, 2018; New York, NY.] 2018 T. Basar. Introduction to the theory of games. In T. Basar and G. Zaccour (Eds.). Handbook of Dynamic Game Theory, Chapter 1, Volume 1, Springer International Publishing, pp. 3-59, 2018 (DOI: 10.1007/978-3-319-44374-4_1). T. Basar, A. Haurie, and G. Zaccour. Nonzero-sum differential games. In T. Basar and G. Zaccour (Eds.). Handbook of Dynamic Game Theory, Chapter 2, Volume 1, Springer International Publishing, pp. 61-110, 2018 (DOI: 10.1007/978-3-319-44374-4_5). S.R. Etesami and T. Başar and G. Zaccour (Eds.). Handbook of Dynamic Game Theory, Chapter 12, Volume 1, Springer International Publishing, pp. 547-593, 2018 (DOI: 10.1007/978-3-319-44374-4_5). 10.1007/978-3-319-44374-4_10). S. Bolouki, A. Nedich, and T. Başar. Social networks. In T. Başar and G. Zaccour (Eds.). Handbook of Dynamic Game Theory, Chapter 21, Volume 2, Springer International Publishing, pp. 907-949, 2018 (DOI: 10.1007/978-3-319-44374-4_32). 2016 M. El Chamie and T. Başar. A zero-sum game between the network designer and an adversary in consensus protocols. In F. Thuijsman and F. Wagener (Eds.). Advances in Dynamic and Evolutionary Games, vol. 14, Birkhäuser/Springer, 2016, chapter 6, pp. 117-137. S. Bhattacharya, A. Khanafer, and T. Başar. A double-sided jamming game with resource constraints In F. Thuijsman and F. Wagener (Eds.). Advances in Dynamic and Evolutionary Games, Annals of the International Society of Dynamic Games, vol. 14, Birkhäuser/Springer, 2016, chapter 10, pp. 209-227. 2014 W. Saad and T. Başar. Network formation games in wireless multi-hop networks. In F. Hu and S. Kumar (Eds.). Multimedia over Cognitive Radio Networks: Algorithms, Protocols, and Experiments, Taylor & Francis LLC, CRC Press, December 2014, chapter 19, pp. 421-436. T. Başar. Stochastic differential games and intricacy of information structures. In J. Haunschmied, V.M. Veliov, and S. Wrzaczek (Eds). Dynamic Games in Economics, Springer, 2014, pp. 23-49 [pdf] A. Khanafer, W. Saad, and T. Başar. Self-organizing context-aware small cell networks: Challenges and future opportunities. In T. Alpcan, H. Boche, M. Honig, and H. V. Poor (Eds.). Mechanisms and Games for Dynamic Spectrum Allocation, Cambridge University Press, 2014, chapter 13. 2013 Q. Zhu, H. Tembine, and T. Başar. Hybrid learning in stochastic games and its applications in network security. In F. L. Lewis, D. Liu (Eds.) Reinforcement Learning and Approximate Dynamic Programming for Feedback Control, Series on Computational Intelligence, IEEE Press/Wiley, 2013, chapter 14, pp. 305-329. 2012 Q. Zhu, H. Tembine, and T. Başar. Evolutionary games for multiple access control. Advances in Dynamic Game Theory and Applications, Annals of Dynamic Games, vol. 12, Birkhäuser, 2012, pp. 39-72. P. Frihauf, M. Krstic, and T. Başar. Nash equilibrium seeking for dynamic Games, vol. 12, Birkhäuser, 2012, pp. 179-198. S. Bhattacharya and T. Başar. Differential game-theoretic approach to a spatial jamming problem. Advances in Dynamic Game Theory and Applications, Annals of Dynamic Games, vol. 12, Birkhäuser, 2012, pp. 245-268. Q. Zhu and T. Başar. A hierarchical security architecture for the smart grid. In E. Hossain, Z. Han, H. V. Poor (Eds.) Smart Grid Communications and Networking, Cambridge University Press, 2012. 2008 S. Yüksel and T. Başar. Causal coding of Markov sources with continuous alphabets In A. Astolfi, L. Marconi (Eds.) Analysis and Design of Nonlinear Control Systems (in Honor of Alberto Isidori), Springer Verlag, 2008, pp. 91-108. 2007 O. C. Imer and T. Başar. Wireless sensing with power constraints. In C. Bonivento, A. Isidori, L. Marconi, C. Rossi (Eds.) Advances in Control Theory and Applications, Lecture Notes in Control and Information Sciences, Vol. 353, Springer Verlag, 2007. 2006 T. Alpcan and T. Başar. A hybrid noncooperative game model for wireless communications. In S. Jorgensen, M. Quincampoix, and T. Vincent, editors, Advances in Dynamic Game Theory and Applications, Annals of Dynamic Games, vol. 9, Birkhäuser, 2006. H. Shen and T. Basar. Incentive-based pricing for network games with complete and incomplete and incomplete information. In S. Jorgensen, M. Quincampoix, and T. Vincent, editors, Advances in Dynamic Game Theory and Applications, Annals of Dynamic Games, vol. 9, Birkhäuser, 2006. 2005 T. Alpcan and T. Başar. Distributed algorithms for Nash equilibria of flow control games. In A. S. Nowak and K. Szajowski, editors, Advances in Dynamic Games, vol. 7, Birkhäuser, 2005, pp. 473-498 [pdf]. R. El Azouzi, M. El Kamili, E. Altman, M. Abbad, and T. Başar. Combined competitive flow control and routing in multi-user communication networks with hard side constraints. Analysis, Control and Optimization of Complex Dynamic Systems, GERAD 25th Anniversary Series, Edited by El Kebir Boukas, Roland P. Malhame, Springer, 2005, pp. 169-192. 2004 E. Altman, T. Başar, and N. Malouch The role of information update in flow control. In N. Mitrou, K. Kontovasilis, G.N. Rouskas, editors, Networking 2004, Lecture Notes in Computer Science, Springer-Verlag, vol. 3042, May 2004, pp. 562-573. 2003 C. Tang and T. Başar. Minimax nonlinear control under stochastic uncertainty constraints. New Trends in Nonlinear Dynamics and Control, and Their Applications, Wei Kang, Mingqing Xiao, Carlos Borges (Eds.), Lecture Notes in Control and Information Sciences, Volume 295, Springer Verlag, 2003, pp. 343--361. [pdf] 2002 R. Maheswaran and T. Başar. Auctions for divisible resources: Price functions, Nash equilibrium and decentralized update schemes. Agent-Mediated Electronic Commerce IV: Designing Mechanisms and Systems, Julian Padget, Onn Shehory, David Parkes, Norman Sadeh, William E. Walsh (Eds.), Springer Verlag, 2002, pp. 87--102. 2001 J. Bredin, D. Kotz, D. Rus, R.T. Maheswaran, C. Imer, T. Başar. A market-based model for resource allocation in agent systems. In Andrea Omicini, Franco Zambonelli, Matthias Klusch, editors, Coordination of Internet Agents: Models, Technologies, and Applications, pp. 426--442, Springer-Verlag. [pdf]. 2000 E. Altman, T. Başar, and N. Hovakimyan. Worst-case rate-based flow control with an ARMA model of the available bandwidth. In V. Gaitsgory and J. Filar, editors, Annals of Dynamic Games, vol. 5, pp. 3--30, Birkhäuser. E. Altman, T. Başar, and Z. Pan. Piecewise-deterministic differential games and dynamic teams with hybrid controls. In V. Gaitsgory and J. Filar, editors, Annals of Dynamic Games, vol. 5, pp. 223--256, Birkhäuser. M. Xiao and T. Başar. H-infinity control of a class of infinite-dimensional linear systems with nonlinear outputs. In V. Gaitsgory and J. Filar, editors, Annals of Dynamic Games, vol.5, pp. 47--80, Birkhäuser. E. Altman and T. Başar. Optimal rate-based flow control for high speed telecommunication networks: an H-infinity approach. In D. Kofman and S. Tohme, editors, ATM Traffic Management, Chapman and Hall. T. Başar. Risk-averse designs: From exponential cost to stochastic games. In T.E. Djaferis and I.C. Schick, editors, System Theory: Modeling, Analysis and Control, Kluwer, pp. 131-144, 2000. 1999 O. C. Imer and T. Başar. Constructive solutions to a decentralized team problem with application in flow control for networks. In D.E. Miller and L. Qiu, editors, Topics in Control and Its Applications, Springer Verlag, pp. 117-141, 1999 [pdf]. 1998 M. Xiao and T. Başar. Nonlinear H-infinity controller design via viscosity supersolutions of the Isaacs equation. In W. McEneaney, G.G. Yin, Q. Zhang, editors, Stochastic Analysis, Control, Optimization and Applications, Birkhäuser, Boston, pp. 151-170, December 1998. 1996 T. Başar, G. Didinsky, and Z. Pan. A new class of identifiers for robust parameter identification and control in uncertain systems. In F. Garofalo and L. Glielmo, editors, Robust Control via Variable Structure and Lyapunov Techniques, 1996. 1995 Z. Pan and T. Başar. H-infinity control of Markovian jump systems and solutions to associated piecewise-deterministic differential games. In G.J. Olsder, editor, Annals of Dynamic Games, vol. 2, pp. 61-94, Birkhäuser, 1995. T. Başar. A tutorial on dynamic noncooperative game theory. In G. Ricci, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games, vol. 2, pp. 61-94, Birkhäuser, 1995. T. Başar. A tutorial on dynamic Games. In G.J. Olsder, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games. In G. Ricci, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games. In G. Ricci, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games. In G. Ricci, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games. In G. Ricci, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games. In G. Ricci, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games. In G. Ricci, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games. In G. Ricci, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games. In G. Ricci, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games. In G. Ricci, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games. In G. Ricci, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games. In G. Ricci, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games. In G. Ricci, editor, Advances in Game Theory, Springer Verlag, 1995. T. Başar. A tutorial on dynamic Games. In G. Ricci, editor, Advances state measurements. In T. Başar and A. Haurie, editors, Advances in Dynamic Games and Applications, vol. 1, pp. 23-55, Birkhäuser, 1994. 1993 T. Başar and R. Srikant. Decentralized control of stochastic systems using risk-sensitive criterion. Advances in Communication and Control, UNLV Pub, pp. 332-343, 1993. 1992 T. Başar. On the application of differential game theory in robust controller design for economic systems. In G. Feichtinger, editor, Dynamic Economic Models and Optimal Control, pp. 269-278, North-Holland, 1992. 1991 T. Başar. A Continuous-Time Model of Monetary Policy and Inflation: A Stochastic Differential Game. In G. Ricci, editor, Decision Processes in Economics, chapter 1, pp. 3-17, volume 353 of Lecture Notes in Economics and Mathematical Systems, Springer-Verlag, 1991. T. Başar. Game Theory and H-infinity Optimal Control: The Continuous-Time Case. In R.P. Hämäläinen and H.K. Ehtamo, editors, Differential Games -- Development in Modelling and Computation, pp. 171-186, volume 156 of Lecture Notes in Control and Information Sciences, Springer-Verlag, 1991. T. Başar and R. Srikant. Iterative Computation of Nash Equilibria in M-Player Games -- Development in Modelling and Computation, pp. 245--256, volume 156 of Lecture Notes in Control and Information Sciences, Springer-Verlag, 1991. T. Başar. Generalized Riccati equations in dynamic games. In S. Bittanti, A. Laub, and J. C. Willems, editors, The Riccati Equation, chapter 11, pp. 293-333, Springer-Verlag, September 1991. 1989 T. Ü. Başar and T. Başar. Minimax Causal Transmission of Gaussian Stochastic Processes over Channels Subject to Correlated Jamming, volume 129 of Lecture Notes in Information Sciences and Systems, pp. 39--49. Springer-Verlag, 1989. T. Basar. On a Class of Zero-Sum Discrete Games with Delayed Information. In T. Basar and P. Bernhard, editors, Differential Games and Applications, volume 119 of Lecture Notes in Control and Information Sciences, pp. 9--34. Springer-Verlag, February 1989. T. Başar and R. Bansal. The theory of teams: A selective annotated bibliography. In T. Başar and P. Bernhard, editors, Differential Games and Applications, volume 119 of Lecture Notes in Control and Information Sciences, pp. 189--201. Springer-Verlag, February 1989. T. Başar and M. Salmon. On the convergence of beliefs and policy to a rational expectations equilibrium in a dual policy problem. In W. Marois, A. Soubeyran, and D. Laussel, editors, Issues in Monetary Economics, pp. 207--223. Springer-Verlag, 1989. T. Başar. Time consistency and robustness of equilibria in noncooperative dynamic games. In F. Van der Ploeg and A. de Zeeuw, editors, Dynamic Policy Games in Economics, pp. 9--54. North Holland, 1989. T. Başar. Dynamic optimization of some forward-looking stochastic models. In A. Blaquiere, editor, Modeling and Control of Systems, volume 121 of Lecture Notes in Control and Information and Control of Systems, volume 121 of Lecture Notes in Control of Systems, volume 121 of Lecture Notes in Control and Information and In Control Strategies for Stochastic Systems with Feedback.Bernhard, editors, In A. Bensoussan and J.L. Lions, editors, Analysis and Optimization of Systems, volume 111 of Lecture Notes in Control and Information Sciences, pp. 605--616. Springer-Verlag, June 1988. T. Başar and J. B. Cruz, Jr. Deterministic incentives. In Encyclopedia of Systems and Control. Pergamon Press, 1988. T. Başar. Multilevel systems: Stackelberg strategies. In Encyclopedia of Systems and Control, pp. 3145--3149. Pergamon Press, 1988. T. Başar. Multimodeling, singular perturbations and stochastic decision problems. In C. T. Leondes, editor, Advances in Control and Dynamic Systems, volume XXII. pp. 1--58. Academic Press, 1986. T. Başar, A tutorial on dynamic and differential games. In T. Başar, editor, Dynamic Games and Applications in Economics, volume 265 of Lecture Notes in Economics and Mathematical Systems, pp. 1--25. Springer-Verlag, March 1986. T. Başar, S. J. Turnovsky, and V. D'Orey. Optimal macroeconomic policies in interdependent economies: A strategic approach. In T. Başar, editor, Dynamic Games and Applications in Economics, volume 265 of Lecture Notes on Economics, volume 265 of Lecture Notes and Mathematical Systems, pp. 134--178. Springer-Verlag, Berlin, 1986. 1985 T. Başar. Dynamic games and incentives. In A. Bagchi and H. Th. Jongen, editors, Systems and Optimization, volume 66 of Lecture Notes in Control and Information Sciences, pp. 1--13. Springer-Verlag, 1985. T. Başar. Stochastic multimodeling for teams in a game-theoretic framework. In G. Feichtinger, editor, Economic Applications in Control Theory, pp. 529--548. North-Holland, 1985. T. Başar and A. Haurie. Feedback equilibria in differential games with structural and modal uncertainties. In J. B. Cruz, Jr., editor, Advances in Large Scale Systems, chapter 1, pp. 163--201. JAE Press Inc., Connecticut, May 1984 [pdf]. 1982 T. Başar, H. Selbuz, and M. Sertel. Workers' cooperatives and semi-cooperatives and semi-cooperatives facing competitive capitalism. In M. Sertel, editor, Workers and Incentives, pp. 143--166. North Holland, 1982. M. Sertel, T. Başar, and H. Selbuz. Worker's enterprises facing competitive capitalism. In M. Sertel, editor, Workers and Incentives, pp. 109--142. North Holland, 1982. T. Başar and J. B. Cruz, Jr. Concepts and methods in multiperson coordination and control. In S. G. Tzafestas, editor, Optimization and Control of Dynamic Operational Research Models, chapter 11, pp. 351--387. North Holland, 1982. 1980 T. Başar. On the existence and uniqueness of closed-loop sampled-data Nash controls in linear-quadratic stochastic differential games. In K. Iracki, et al., editors, Optimization Techniques, Lecture Notes in Control and Information Sciences, chapter 22, pp. 193--203. Springer-Verlag, 1980. 1979 T. Başar. Hierarchical decision making under uncertainty. In P. T. Liu, editor, Dynamic Optimization and Mathematical Economics, pp. 205--221. Plenum Press, 1979 [pdf] T. Başar. Information structures and equilibria in dynamic games. In M. Aoki and A. Marzollo, editors, New Trends in Dynamic System Theory and Economics, pp. 3--55. Academic Press, 1979. T. Başar. Stochastic stagewise Stackelberg strategies for linear-quadratic systems. In M. Kohlmann and W. Vogel, editors, Stochastic Control And Information Sciences, pp. 264--276. Springer-Verlag, Berlin, 1979. 1977 T. Başar. Existence of unique equilibrium solutions in nonzero-sum stochastic differential games. In E. O. Roxin, P. T. Liu, and R. Sternberg, editors, Differential Games and Control Theory II, pp. 201--228. Marcel Dekker, Inc., 1977. 1975 Y. C. Ho, I. Blau, and T. Başar. A tale of four information structures. In Analysis and Optimization of Systems, Lecture Notes in Mathematical Economics and Systems Theory, vol. 107, Springer-Verlag, 1975. 2022 X. Cao and T. Başar. Decentralized online convex optimization with feedback delays. IEEE Transactions on Automatic Control, June 2022 (to appear). Q. Ma, B. Shou, J. Huang, and T. Başar. Monopoly pricing with participation-dependent social learning about quality of service. Production and Operations Management, 2022 (to appear). K. Zhang, B. Hu, and T. Başar. Policy optimization for H-2 linear control with H-infinity robustness guarantee: Implicit regularization, 2022 (to appear). T. Chen, K. Zhang, G.B. Giannakis, and T. Başar. Communication-efficient policy gradient methods for distributed reinforcement learning. IEEE Transactions on Control of Network Systems, 2022 (to appear; early access 9 May 2021), DOI: 10.1109/TCNS.2021.3078100. Q. Ma, J. Huang, T. Başar, J. Liu, and X. Chen. Reputation and pricing dynamics in online markets. IEEE/ACM Transactions on Networking, 2022 (to appear; early access 23) April 2021). DOI: 10.1109/TNET.2021.3071506 M.O. Savin and T. Basar. Bayesian persuasion with state-dependent guadratic cost measures. IEEE Transactions on Automatic Control, March 2022 (to appear; early access 17 February 2021), DOI: 10.1109/TAC.2021.3059679. 2021 K. Alshehri, S. Bose, and T. Basar. Centralized volatility reduction for electricity markets. International Journal of Electrical Power and Energy Systems, 2021 (to appear). X. Cao and T. Başar. Decentralized online convex optimization based on signs of relative states. Automatica, 2021 (to appear). J. Xu, H. Zhang, and T. Başar. Stackelberg solution for a two-agent rational expectations model. Automatica, 2021 (to appear). C Wu, X. Zhao, W. Xia, J. Liu, and T. Basar. L2-gain analysis for dynamic event-triggered networked control systems with packet losses and quantization. Automatica, 2021 (to appear). K. Zhang, Z. Yang, and T. Basar. Decentralized multi-agent reinforcement learning with networked agents: Recent advances. Frontiers of Information Technology & Electronic Engineering, 2021 (to appear). X. Cao and T. Başar. Decentralized online convex optimization with event-triggered communications. IEEE Transactions on Signal Processing, 69:284-299, 2021 (published online: 18 December 2020. DOI: 10.1109/TSP.2020.3044843). K. Zhang, Z. Yang, H. Liu, T. Zhang, and T. Başar. Finite-sample analysis for decentralized batch multi-agent reinforcement learning with networked agents. IEEE Transactions on Automatic Control, 2021 (to appear; published online: 6 January 2021. DOI: 10.1109/TAC.2021.3049345). C. Hou, Q. Zhao, and T. Başar. Optimization of Web service-based data-collection system with smart sensor nodes for balance between network traffic and sensing accuracy. IEEE Transactions on Automation Science and Engineering, 2021 (to appear; published online: 2 November 2020. DOI: 10.1109/TASE.2020.3030835). M.O. Sayin and T. Başar. Persuasion-based robust sensor design against attackers with unknown control objectives. IEEE Transactions on Automatic Control, October 2021 (to appear; early access 14 October 2020), DOI: 10.1109/TAC.2020.3030861 T.R. Oliveira, V.H.P. Rodrigues, M. Krstic, and T. Başar. Nash equilibrium seeking in quadratic noncooperative games under two delayed information-sharing schemes. Journal of Optimization Theory and Applications, 2021 (to appear). T. Başar and J. Moon. Zero-sum differential games on the Wasserstein space. Communications in Information and Systems (Special issue dedicated to Tyrone Duncan on the occasion of his 80th birthday), 21(2):219-251, 2021. J. Chen, Q. Zhu, and T. Başar. Dynamic contract design for systemic cyber risk management of interdependent enterprise networks. Dynamic Games and Applications, 11(2):294-325, 2021 (published online: 21 July 2020. DOI: 10.1007/s13235-020-00363-y). W. Chen, D. Wang, J. Liu, Y. Chen, S.Z. Khong, T. Başar, K. H. Johansson, and L. Qiu. On spectral properties of signed Laplacians with connections to eventual positivity. IEEE Transactions on Automatic Control, 66(5):2177-2190, May 2021 (published online: 10 July 2020. DOI: 10.1109/TAC.2020.3008300). K. Alshehri J. Liu, X. Chen, and T. Başar. A game-theoretic framework for multi-company demand response management in the smart grid. IEEE Transactions on Control Systems Technology, 29(3):1019-1034, May 2021 (published online: 06 May 2020. DOI: 10.1109/TCST.2020.2989272). P.E. Pare, J. Liu, C.L. Beck, A. Nedich, and T. Başar. Multi-competitive viruses over time-varying networks with mutations and human awareness. Automatica, 123(109330), 1-15, January 2021. 2020 P.E. Pare, C.L. Beck, and T. Başar. Modeling, estimation, and analysis of epidemics over networks: an overview. Annual Reviews in Control, 50:345-360, 2020 (Published online: 25 November 2020. DOI: 10.1016/j.arcontrol.2020.09.003). A. Sanjab, W. Saad, and T. Başar. A game of drones: Cyber-physical security of time-critical UAV applications with cumulative prospect theory perceptions and valuations. IEEE Transactions on Communications, 68(11):6990-7006, November 2020 (published online: 21 July 2020. DOI: 10.1016/j.arcontrol.2020.09.003). A. Sanjab, W. Saad, and T. Başar. A game of drones: Cyber-physical security of time-critical UAV applications with cumulative prospect theory perceptions and valuations. IEEE Transactions on Communications, 68(11):6990-7006, November 2020 (published online: 21 July 2020. DOI: 10.1016/j.arcontrol.2020.09.003). 10.1109/TCOMM.2020.3010289). K. Zhang, A. Koppel, H. Zhu, and T. Başar. Global convergence of policy gradient methods to (almost) locally optimization, 58(6):3586-3612, 2020 (. X. Cao and T. Başar. Decentralized multi-agent stochastic optimization with pairwise constraints and quantized communications. IEEE Transactions on Signal Processing, 68:3296-3311, 2020 (published online: 29 May 2020. DOI: 10.1109/TSP.2020.2997394). K. Alshehri M. Ndrio, S. Bose, and T. Başar. Quantifying market efficiency impacts of aggregated distributed energy resources. IEEE Transactions on Power Systems, 35(5):4067-4077, September 2020 (published online: 18 August 2020. DOI: 10.1109/TPWRS.2020.2979997). N. Saldi, T. Başar, and M. Raginsky. Approximate Markov-Nash equilibria for discrete-time risk-sensitive mean-field games. Mathematics of Operations Research, 45(4):1596-1620, November 2020 (published online: 12 August 2020. DOI: 10.1287/moor.2019.1044). K. Zhang, Y. Liu J. Liu, M. Liu, and T. Başar. Distributed learning of average belief over networks using sequential observations. Automatica, 115(108857):1-13, May 2020. M.O. Sayin, C.-W. Lin, E. Kang, S. Shiraishi, and T. Başar. Reliable smart road signs. IEEE Transactions on Intelligent Transportation Systems, 21(12):4995-5009, December 2020 (published online: 17) October 2019; DOI: 10.1109/TITS.2019.2946356). X. Chen, Z. Gao, and T. Başar. Asymptotic behavior of conjunctive Boolean networks over weakly connected digraphs. IEEE Transactions on Automatic Control, 65(6):2536-2549, June 2020 (published online: 24 July 2019; DOI: 10.1109/TAC.2019.2930675). P.E. Pare, J. Liu, C.L. Beck, B.E. Kirwan, and T. Başar. Analysis, estimation, and validation of discrete-time epidemic processes. IEEE Transactions on Control Systems Technology, Special Issue on Systems Technology, Special Issue on Systems Identification and Control in Biomedical Applications, 28(1):79-93, January 2020 (published online: 10 October 2018; DOI: 10.1109/TCST.2018.2869369). Corrigendum, IEEE Transactions on Control Systems Technology (online: 21 December 2019; DOI: 10.1109/TCST.2019.2947228). 2019 M.O. Sayin, E. Akyol, and T. Başar. Hierarchical multi-stage Gaussian signaling games in noncooperative communication and control systems. Automatica, 107:9-20, September 2019. A. Koppel, K. Zhang, H. Zhu, and T. Başar. Projected stochastic primal-dual method for constrained online learning with kernels. IEEE Transactions on Signal Processing, 67(10):2528-2542, May 2019 (published online: 2 April 2019; DOI: 10.1109/TSP.2019.2907265). J. Liu, P.E. Pare, A. Nedich, C.Y. Tang, C.L. Beck, and T. Başar. Analysis and control of a continuous-time bi-virus model. IEEE Transactions on Automatic Control, 64(12):4891-4906, December 2019 (published online: 11 February 2019; DOI: 10.1109/TAC.2019.2898515). S.R.. Etesami and T. Başar. Dynamic games in cyber-physical security: an overview. Dynamic games via the stochastic maximum principle. Dynamic Games and Applications, 9:1100-1125, 2019 (Appeared on line: 13 December 2018. DOI 10.1007/s13235-018-00290-z). X. Chen, M.A. Belabbas, and T. Başar. Controlling and stabilizing a rigid formation using a few agents. SIAM Journal on Control and Optimization, 57(1):104-128, 2019 (published online: 3 January 2019; DOI: 10.1137/18M117176X). W. Xia, J. Liu, M. Cao, K. H. Johansson, and T. Başar. Generalized Sarymsakov matrices. IEEE Transactions on Automatic Control, 64(8):3085-3100, August 2019 (published online: 29 October 2018; DOI: 10.1109/TAC.2018.2878476). J. Zhang, K. You, and T. Başar. Distributed discrete-time optimization in multi-agent networks using only sign of relative state. IEEE Transactions on Automatic Control, 64(6):2352-2367, June 2019 (published online: 04 December 2018; DOI: 10.1109/TAC.2018.2884998). N. Saldi, T. Başar, and M. Raginsky. Approximate Nash equilibria in partially observed stochastic games with mean-field interactions. Mathematics of Operations Research, 44(3):1006-1033, 2019. J. Moon, T.E. Duncan, and T. Başar. Risk-sensitive zero-sum differential games. IEEE Transactions on Automatic Control, 64(4):1503-1518, April 2019 (DOI: 10.1109/TAC.2018.2846048). S.R. Etesami, S. Bolouki, A. Nedich, T. Başar, and H.V. Poor. Influence of conformist and manipulative behaviors on public opinion. IEEE Transactions on Control of Network Systems, 6(1):202-214, March 2019 (published online: 15 February 2018; DOI: 10.1109/TCNS.2018.2806179). M.O. Sayin, C.-W. Lin, S. Shiraishi, J. Shen, and T. Başar. Information-driven autonomous intersection control via incentive compatible mechanisms. IEEE Transactions on Intelligent Transportation Systems, 20(3):912-924, March 2019 (published online: 2 June 2018; DOI: 10.1109/TITS.2018.2838049). X. Gao, E. Akyol, and T. Başar. Communication scheduling and remote estimation with adversarial intervention. IEEE/CAA Journal of Automatica Sinica, 6(1):32-44, January 2019. 2018 N. Saldi, T. Başar, and M. Raginsky. Markov-Nash equilibria in mean-field games with discounted cost. SIAM Journal on Control and Optimization, 56(6):4256-4287, 2018. [M. Ye, J. Liu, B.D.O. Anderson, C. Yu, and T. Başar. Evolution of social power in social networks with dynamic topology. IEEE Transactions on Automatic Control, 63(11):3793-3808, November 2018 (published online: 13 February 2018; DOI: 10.1109/TAC.2018.2805261). S. Nadendia, C. Langbort, and T. Başar. Effects of subjective biases on strategic information transmission. IEEE Transactions on Communications, 66(12):6040-6049, December 2018 (early access publication: 22 August 2018; DOI: 10.1109/TCOMM.2018.2866571). J. Moon and T. Başar. Linear quadratic mean field Stackelberg differential games. Automatica, 97:200-213, November 2018. X. Gao, D.Liberzon, J. Liu, and T. Başar. Unified stability criteria for slowly time-varying and switched linear systems. Automatica, 96:110-120, October 2018. K. Zhang, W. Shi, H. Zhu, E. Dall'Anese, and T. Başar. Dynamic power distribution system management with a locally connected communication network. IEEE Journal of Selected Topics in Signal Processing, 12(4):673-687, 2018 (published online: 17 May 2018). Z. Gao, X. Chen, and T. Başar. Controllability of conjunctive Boolean networks with application to gene regulation. IEEE Transactions on Control of Network Systems, 5(2):770-781, June 2018 (published online: 29 August 2017). Z. Gao, X. Chen, and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and T. Başar. Stability structures of conjunctive Boolean networks. Automatica, 89:8-20, March 2018. S.R. Etesami and S. Basar. Stability structures of conjunctive Boolean networks. Stability structures Gao, E. Akyol, and T. Başar. Optimal communication scheduling and remote estimation over an additive noise channel. Automatica, 88:57-69, February 2018. 2017 X. Chen, M.A. Belabbas, and T. Başar. Cluster consensus with point group symmetries. SIAM Journal on Control and Optimization, 55(6):3869-3889, 2017. X. Chen, M.A. Belabbas, and T. Başar. Başar. Optimal capacity allocation for sampled networked systems. Automatica, 85:100-112, November 2017 (appeared online 19 August 2017). M.O. Sayin, N.D. Vanli, S.S. Kozat, and T. Başar. Stochastic subgradient algorithms for strongly convex optimization over distributed networks. IEEE Transactions on Network Science and Engineering, 4(4):248-260, October-December 2017 (published online: 8 June 2017). [Selected as runner-up for 2019 TNSE Best Paper Award, among papers published in 2014-2017.] J. Moon and T. Başar. Static optimal sensor selection via linear integer programming: the orthogonal case. IEEE Signal Processing Letters, 24(7):953-957, July 2017 (published online: 28 April 2017). J. Liu, X. Chen, T. Başar, and M.A. Belabbas. Exponential convergence of the discrete- and continuous-time Altafini models. IEEE Transactions on Automatic Control, 62(12):6168-6182, December 2017. J. Liu, A.S. Morse, A. Nedich, and T. Başar. Exponential convergence of the discrete- and continuous-time Altafini models. IEEE Transactions on Automatic Control, 62(12):6168-6182, December 2017. J. Liu, A.S. Morse, A. Nedich, and T. Başar. Exponential convergence of the discrete- and continuous-time Altafini models. IEEE Transactions on Automatic Control, 62(12):6168-6182, December 2017. J. Liu, A.S. Morse, A. Nedich, and T. Başar. Exponential convergence of the discrete- and continuous-time Altafini models. IEEE Transactions on Automatic Control, 62(12):6168-6182, December 2017. J. Liu, A.S. Morse, A. Nedich, and T. Başar. Exponential convergence of the discrete- and continuous-time Altafini models. IEEE Transactions on Automatic Control, 62(12):6168-6182, December 2017. J. Liu, A.S. Morse, A. Nedich, and T. Başar. Exponential convergence of the discrete- and continuous-time Altafini models. IEEE Transactions on Automatic Control, 62(12):6168-6182, December 2017. J. Liu, A.S. Morse, A. Nedich, and T. Başar. Exponential convergence of the discrete- and continuous-time Altafini models. IEEE Transactions on Automatic Control, 62(12):6168-6182, December 2017. J. Liu, A.S. Morse, A. Nedich, and T. Başar. Exponential convergence of the discrete- and continuous-time Altafini models. IEEE Transactions on Automatic Control, 62(12):6168-6182, December 2017. J. Liu, A.S. Morse, A. Nedich, and T. Başar. Exponential convergence of the discrete- and continuous-time Altafini models. IEEE Transactions on Automatic Control, 62(12):6168-6182, December 2017. J. Liu, A.S. Morse, A. Nedich, and T. Başar. Exponential convergence of the discrete- and control 83:37-46, September 2017. M.O. Sayin, S.S. Kozat, and T. Başar. Team-optimal distributed MMSE estimation in general and tree networks. Digital Signal Processing, 64:83-95, May 2017. S-J. Liu, M. Krstic, and T. Başar. Batch-to-batch finite-horizon LQ control for unknown discrete-time linear systems via stochastic extremum seeking. IEEE Transactions on Automatic Control, 62(8):4116-4123, August 2017. X. Chen, M.A. Belabbas, and T. Başar. Global stabilization of triangulated formations. SIAM Journal on Control, 62(3):1062-1077, March 2017. S.R. Etesami and T. Başar. Price of anarchy and an approximation algorithm for the binary-preference capacitated selfish replication game. Automatica, 76:153-163, February 2017. J. Moon and T. Başar. Risk-sensitive control of Markov jump linear systems: caveats and difficulties. International Journal of Control, Automation, and Systems, 15(1):462-467, February 2017. A. Gupta, C. Langbort, and T. Başar. Dynamic games with asymmetric information and resource constrained players with applications to security of cyber-physical systems, 4(1):71-81, March 2017 (published online: 23 June 2016). X. Chen, M. A. Belabbas, and T. Başar. Controllability of formations over directed time-varying graphs. IEEE Transactions on Control of Network Systems, 4(3):407-416, September 2017 (published online: 25 November 2015). E. Akyol, C. Langbort, and T. Başar. Information-theoretic approach to strategic communication as a hierarchical game. Proceedings of the IEEE, 105(2):205-218, February 2017 X. Chen J. Liu, M.A. Belabbas, Z. Xu, and T. Başar. Distributed evaluation and convergence of self-appraisals in social networks. IEEE Transactions on Automatic Control, 62(1):291-304, January 2017. 2016 M. El Chamie, J. Liu, and T. Başar. Design and analysis of distributed averaging with quantized communication. IEEE Transactions on Automatic Control, 62(1):291-304, January 2017. 2016 M. El Chamie, J. Liu, and T. Başar. Design and analysis of distributed averaging with quantized communication. IEEE Transactions on Automatic Control, 62(1):291-304, January 2017. 2016 M. El Chamie, J. Liu, and T. Başar. Design and analysis of distributed averaging with quantized communication. 61(12):3870-3884, December 2016. T. Başar, S.R. Etesami, and A. Olshevsky. Convergence time of quantized Metropolis consensus over time-varying networks. IEEE Transactions on Automatic Control, 61(12):4048-4054, December 2016. D. Bauso, H. Tembine, and T. Başar. Opinion dynamics in social networks through mean-field games. SIAM Journal on Control and Optimization, 54(6):3225-3257, December 2016. S. Bhattacharya, T. Başar, and N. Hovakimyan. A visibility-based pursuit-evasion game with a circular obstacle. Journal of Optimizations, 171(3):1071-1082, December 2016 (published online: 19 August 2016). A. Khanafer, T. Başar, and B. Gharesifard. Stability of epidemic models over directed graphs: a positive systems approach. Automatica, 74:126-134, December 2016 (published online: 1 October 2016). X. Chen, M.A. Belabbas, and T. Başar. Distributed averaging with linear objective maps. Automatica, 70:179-188, August 2016. D. Bauso, Q. Zhu, and T. Başar. Decomposition and mean-field approach to mixed integer optimal compensation problems. J Optimization Theory and Applications, 169(2):606-630, May 2016 (published online: 17 February 2016). S.R. Etesami and T. Başar. Complexity of equilibrium in competitive diffusion games on social networks. Automatica, 68:100-110, June 2016. J. Moon and T. Başar. Robust mean field games for coupled Markov jump linear systems. International Journal of Control, 89(7):1367-1381, 2016. B. Gharesifard, T. Başar, and A. D. Dominguez-Garcia. Price-based coordinated aggregation of networked distributed averaging. When are potential theoretic strategies optimal? IEEE Transactions on Automatic Control, 61(7):1767-1779, July 2016. B. Gharesifard, B. Touri, T. Başar, and J.S. Shamma. On the convergence of piecewise linear strategic interaction dynamics on networks. IEEE Transactions on Automatic Control, 61(6):1682-1687, June 2016. D. Bauso and T. Başar. Strategic thinking under social influence: scalability, stability and robustness of allocations. European Journal of Control, 32:1-15, November 2016 (on line version: May 7, 2016). S.R. Etesami and T. Başar. Convergence time for unbiased quantized consensus over static and dynamic networks. IEEE Transactions on Automatic Control, 61(2):443-455, February 2016. D. Bauso, H. Tembine, and T. Başar. Robust mean field games. J Dynamic Games and Applications, 6(3):277-303, September 2016 (on line version: June 6, 2015). S. Maharjan, Q. Zhu, Y. Zhang, S. Gjessing, and T. Başar. Demand response management in the smart grid in a large population regime. IEEE Transactions on Smart Grid, 7(1):189-199, January 2016. 2015 J. Moon and T. Başar. Minimax estimation with intermittent observations. Automatica, 62:122-133, December 2015. G. Warnell, S. Bhattacharya, R. Chellappa, and T. Başar. Adaptive-rate compressive sensing using side information. IEEE Transactions on Image Processing, 24(11):.3846-3857, November 2015. J. Moon and T. Başar. Minimax control over unreliable communication channels. Automatica, 59:182-193, September 2015. E. Akyol, K. Rose, and T. Başar. Optimal zero-delay jamming over an additive noise channel. IEEE Transactions on Information Theory, 61:4331-4344, August 2015. A. Gupta, S. Yüksel, T. Başar, and C. Langbort. On the existence of optimal policies for a class of static and sequential dynamic teams. SIAM Journal on Control and Optimization, 53(3):1681-1712, 2015. S.R. Etesami and T. Başar. Game-theoretic analysis of the Hegselmann-Krause Model for opinion dynamics in finite dimensions. IEEE Transactions on Automatic Control, 60(7):1886-1897, July 2015. Q. Zhu and T. Başar. Game-theoretic methods for robustness, security and resilience of cyber-physical control systems: Games-in-games principle for optimal cross-layer resilient control systems. IEEE Control Systems Magazine, February 2015, pp. 46-65. 2014 A. Gupta, A. Nayyar, C. Langbort, and T. Başar. Common information based Markov Perfect Equilibria for linear-Gaussian games with asymmetric information. SIAM Journal on Control and Optimization, 52(5):3228-3260, 2014. H. Tembine, Q. Zhu, and T. Başar. Risk-sensitive mean-field games. IEEE Transactions on Automatic Control, 59(4):835-850, April 2014. Y. Wang, W. Saad, Z. Han, H.V. Poor, and T. Başar. A Game-theoretic approach to energy trading in the smart grid. IEEE Transactions on Smart Grid, 5(3):1439-1450, May 2014. A. Nayyar, A. Gupta, C. Langbort, and T. Başar. Common information: Finite games. IEEE Transactions on Automatic Control, 59(3):555-570, March 2014. A. Nayyar, T. Başar, D. Teneketzis, and V. V. Veeravalli Optimal strategies for communication and remote estimation with an energy harvesting sensor. IEEE Transactions on Automatic Control, 58(9):2246-2260, September 2013. P. Frihauf, M. Krstic, and T. Başar. Finite-horizon LQ control for unknown discrete-time linear systems via extremum seeking. European J Control, 19:399-407, July 2013. M.H. Manshaei, Q. Zhu, T. Alpcan, T. Başar, and J.-P. Hubaux. Game theory meets network security and privacy. ACM Computing Survey, 45(3):25:1-25:39, June 2013. E. Altman, A.P. Azad, T. Başar, and F. De Pellegrini. Combined optimal control of activation and transmission in delay tolerant networks. IEEE/ACM Transactions on Networking, 21(2):482-494 April 2013. Q. Zhu and T. Başar. Multi-resolution large population stochastic differential games and their application to demand response management in the smart grid. J Dynamic Games and Applications, 3(1):68-88, March 2013. S. Bhattacharya, A. Gupta, and T. Başar. Jamming in mobile networks: A game-theoretic approach. J. Numerical Algebra, 3(1):68-88, March 2013. S. Bhattacharya, A. Gupta, and T. Başar. Jamming in mobile networks: A game-theoretic approach. J. Numerical Algebra, 3(1):68-88, March 2013. S. Bhattacharya, A. Gupta, and T. Başar. Multi-resolution large population stochastic differential games and their applications, 3(1):68-88, March 2013. S. Bhattacharya, A. Gupta, and T. Başar. Jamming in mobile networks: A game-theoretic approach. J. Numerical Algebra, and S. Battacharya, A. Gupta, and T. Başar. Jamming in mobile networks: A game-theoretic approach. J. Numerical Algebra, and S. Battacharya, A. Gupta, and T. Başar. Jamming in mobile networks: A game-theoretic approach. J. Numerical Algebra, and S. Battacharya, A. Gupta, and T. Başar. Jamming in mobile networks: A game-theoretic approach. J. Numerical Algebra, and S. Battacharya, A. Gupta, and T. Başar. Jamming in mobile networks: A game-theoretic approach. J. S. Battacharya, A. Gupta, and S. Battacharya, A. Gupta, A. Gupta Control and Optimization, 3(1):1-30, March 2013. S. Maharjan, Q. Zhu, Y. Zhang, S. Gjessing, and T. Başar. Dependable demand response management in the smart grid: A Stackelberg game approach. IEEE Transactions on Smart Grid, 4(1):120-132, 2013. 2012 W. Saad, X. Zhou, B. Maham, T. Başar, and H.V. Poor. Tree formation with physical layer security considerations in wireless multi-hop networks. IEEE Transactions on Wireless Communications, 11(11):3980-3991, 2012. Q. Zhu, Z. Yuan, J.B. Song, Z. Han, and T. Başar. Interference aware routing game for cognitive radio multi-hop networks. IEEE J. on Selected Areas in Communications (JSAC) Special Issue: Cognitive Radio Series (CRS), 30(10):2006-2015, November 2012. Q. Zhu, C. Fung, R. Boutaba, and T. Başar. GUIDEX: A game-theoretic incentive-based mechanism for intrusion detection networks. IEEE J. on Selected Areas in Communications (JSAC) Special Issue: Economics of Communication Networks & Systems (SI-NetEcon), 30(11):2220-2230, December 2012. W. Saad, Z. Han, H.V. Poor, and T. Başar. Game theoretic methods for the smart grid. IEEE Signal Processing Magazine. Special Issue: Signal Processing Techniques for Smart Grid, 29(5):86-105, 2012. P. Frihauf, M. Krstic, and T. Başar. Nash equilibrium seeking in noncooperative games. IEEE Transactions on Automatic Control, 57(5):1192-1207, May 2012. W. Saad, Z. Han, H.V. Poor, T. Başar, and J.B. Song. Primary user activity monitoring using cognitive pilot channels and a nonparametric Bayesian framework: A cooperative Networking Challenges and Applications, 30(9):1815-1822, October 2012. W. Saad, Z. Han, R. Zheng, A. Hjorungnes, T. Başar, and H.V. Poor. Coalitional games in partition form for joint spectrum sensing and access in cognitive radio networks. IEEE J. Selected Topics in Signal Processing, 6(2): 195-209, April 2012. H. Sun, N. Hovakimyan, and T. Başar. L1 adaptive controller for uncertain nonlinear multi-input multi-output systems in cognitive radio networks. IEEE J. Selected Topics in Signal Processing, 6(2): 195-209, April 2012. H. Sun, N. Hovakimyan, and T. Başar. L1 adaptive controller for uncertain nonlinear multi-input multi-output systems in cognitive radio networks. IEEE J. Selected Topics in Signal Processing, 6(2): 195-209, April 2012. H. Sun, N. Hovakimyan, and T. Başar. L1 adaptive controller for uncertain nonlinear multi-input mult with input quantization. IEEE Transactions on Automatic Control, 57(3):565-578, March 2012. 2011 S. Bhattacharya and T. Başar. Spatial approaches to broadband jamming in heterogeneous mobile networks: A game-theoretic approach. J. Autonomous Robots, 2011. W. Saad, Z. Han, T. Başar, M. Debbah, and A. Hjorungnes. Network formation games among relay stations in next generation wireless networks. IEEE Trans Commununications, 59(9):2528-2542, 2011. W. Saad, Z. Han, T. Başar, M. Debbah, and A. Hjorungnes. Distributed coalition formation games for secure wireless transmission. ACM/Springer J. Mobile Networks and Applications, 16(2):231-245, 2011. W. Saad, Z. Han, T. Başar, M. Debbah, and A. Hjorungnes. Hedonic coalition for distributed task allocation among wireless agents. IEEE Trans Mobile Computing, 10(9):1327-1344, September 2011. H. Shen and T. Başar. Pricing under information asymmetry for a large population of users. Telecommunication Systems, 47(1-2):123-136, June 2011. [pdf]. S. Yüksel and T. Başar. Control over noisy forward and reverse channels. IEEE Trans Automatic Control, 56(5): 1014-1029, May 2011. E. Altman, T. Başar, and F. De Pellegrini. Optimal control, 56(3):60-65, March 2011. T. Başar and Q. Zhu. Prices of anarchy, information, and cooperation in differential games. J Dynamic Games and Applications, 1(1):50-73, March 2011. W. Saad, Z. Han, T. Başar, M. Debbah, and A. Hjorungnes. Coalition formation games for collaborative spectrum sensing. IEEE Trans Vehicular Technology, 60(1):276-297, 2011. 2010 T. Alpcan and T. Başar. A stability result for switched systems with multiple equilibria. J Dynamics of Continuous, Discrete and Impulsive Systems, Series A: Mathematical Analysis (DCDIS-A), 17:949-958, 2010. T. Başar, A. Bensoussan, and S.P. Sethi. Differential games with mixed leadership: The open-loop solution. J Applied Mathematics and Computation, 217:972-979, 2010 [pdf]. E. Altman, T. Başar, and F. De Pellegrini. Optimal monotone forwarding policies in delay tolerant mobile ad-hoc networks. Performance Evaluation, 67:299-317, 2010. O.C. Imer and T. Başar. Optimal estimation with limited measurements. IJSCC (International J. Systems, 2(1/2/3):5-29, 2010 [pdf]. 2009 K.-J. Park, J.C. Hou, T. Başar, and H. Lim. Noncooperative carrier sense game in wireless networks. IEEE Trans. Wireless Communications, 8(10):5280-5289, October 2009 [pdf]. W. Saad, Z. Han, M. Debbah, A. Hjorungnes, and T. Başar. Coalitional game theory for communication networks [A tutorial]. IEEE Signal Processing Magazine, Special Issue on Game Theory, 26(5):77-97, September 2009 [pdf]. K. Zheng, T. Başar, and J. Bentsman. H-infinity bumpless transfer under controller uncertainty. IEEE Trans Automatic Control, 54(7):1718-1723, July 2009 [pdf]. M. Bloem, T. Alpcan, and T. Başar. Optimal and robust epidemic response for multiple networks. Control Engineering Practice, 17(5):525-533, May 2009. T. Alpcan, J.P. Singh, and T. Başar. Robust rate control for heterogeneous network access in multihomed environments. IEEE Transactions on Mobile Computing, 8(1):41-51, January 2009 [pdf]. 2008 H. Ishii and T. Başar, Quantization in H-infinity parameter identification IEEE Transactions on Automatic Control, 53(9):2186-2192, October 2008 [pdf] T. Alpcan, P. Wang, P. G. Mehta, and T. Başar. A non-equilibrium analysis and control framework for active queue management. Automatica, 44(10):2474-2486, October 2008. T. Alpcan, X. Fan, T. Başar, M. Arcak, and J. T. Wen. Power control for multicell CDMA wireless networks: A team optimization approach. Wireless Networks, 14(5):647-657, October 2008. E. Altman, T. Başar, and N. Malouch. The role of information update in flow control. IEEE Transactions on Communications, 56(8):1331-1342, August 2008 [pdf]. J.S. Liu, T. Başar, and R. Srikant. TCP-Illinois: A loss and delay-based congestion control algorithm for high-speed networks. Performance Evaluation, 65(6-7):417-440, June 2008 [pdf]. K.R Rohloff and T. Başar. Deterministic and stochastic models for the detection of random constant scanning worms. ACM Transactions on Modeling and Computer Simulation (ACM TOMACS), 18(2):8:1-8:24, April 2008. 2007 T. Başar. Control and game-theoretic tools for communication networks (Overview). Appl. Comput. Math. , 6(2):104-125, 2007. S. Yüksel and T. Başar. Optimal signaling policies for decentralized multicontroller stabilizability over communication channels. IEEE Trans. Automatic Control, 52(10):1969-1974, October 2007 [pdf]. S. Yüksel and T. Başar. Communication constraints for decentralized stabilizability with time-invariant policies. IEEE Trans. Automatic Control, 52(6):1060-1066 June 2007 [pdf]. A. Kashyap, T. Başar, and R. Srikant. Quantized consensus. Automatica, 43(7):1192-1203, July 2007 [pdf]. H. Shen and T. Başar. Optimal nonlinear pricing for a monopolistic network service provider with complete and incomplete information. IEEE J. on Selected Areas in Communications (JSAC) Special Issue: Non-Cooperative Behavior in Networking, 25(6):1216-1223, June 2007 [pdf]. 2006 S. Yüksel and T. Başar. Minimum rate coding for LTI systems over noiseless channels. IEEE Trans. Automatic Control, 51(12):1878-1887, December 2006 [pdf]. X. Fan, T. Alpcan, M. Arcak, T. J. Wen, and T. Başar. A passivity approach to game-theoretic CDMA power control. Automatica, 42(11):1837-1847, November 2006. O.C. Imer, S. Yüksel, and T. Basar. Optimal control of LTI systems over unreliable communication links. Automatica, 42(9):1429-1440, September 2006 [pdf] (Selected in 2017 as 2006 Google Scholar Classics in "Automation and Control Theory") R.T. Maheswaran and T. Basar. Efficient signal proportional allocation (ESPA) mechanisms: Decentralized social welfare maximization for divisible resources. IEEE J. on Selected Areas in Communications (JSAC) Special Issue: Price-Based Access Control and Economics for Communication Networks, 24(5):1000-1009, May 2006 [pdf]. T. Alpcan, T. Basar, and S. Dey. A power control game based on outage probabilities for multicell wireless data networks. IEEE Transactions on Wireless Communications, 5(4):890-899, April 2006 [pdf]. 2005 O.C. Imer and T. Başar. Optimal estimation with scheduled measurements. Appl. Comput. Math. 4, 4(2):92-101, 2005. T. Alpcan, T. Başar, and R. Tempo. Randomized algorithms for stability and robustness analysis of high-speed communication networks. IEEE Tran. Neural Networks, 16(5):1229-1241, September 2005 [pdf]. H. Ishii, T. Başar, and R. Tempo. Randomized algorithms for synthesis of switching rules for multi-modal systems. IEEE Trans. Automatic Control, 50(6):754-767, June 2005 [pdf]. T. Alpcan and T. Başar. A globally stable adaptive congestion control scheme for Internet-style networks with delay. IEEE/ACM Transactions on Networking, 13(6):1261-1274, December 2005 [pdf]. S. Liu, T. Başar, and R. Srikant. Exponential RED: A stabilizing AQM scheme for low- and high-speed TCP protocols. IEEE/ACM Transactions on Networking, 13(5):1068-1081, October 2005. [pdf]. H. Ishii and T. Başar. Remote control of LTI systems over networks with state quantization. Systems and Control Letters, 54(1):15-32, January 2005 [pdf]. 2004 T. Alpcan and T. Başar. Global stability analysis of an end-to-end congestion control scheme for general topology networks with delay. Elektrik, 12(3), 2004. T. Alpcan, T. Başar. A hybrid systems model for power control in multicell wireless data networks. Performance Evaluation, 57:477--495, 2004 [pdf]. A. Kashyap, T. Başar, and R. Srikant. Correlated jamming on MIMO Gaussian fading channels. IEEE Trans. Information Theory, 50(9), September 2004 [pdf]. H. Ishii, T. Başar, and R. Tempo. Randomized algorithms for quadratic stability of quantized sampled-data systems. Automatica, 40(5):839-846, May 2004 [pdf]. 2003 M. Xiao and T. Başar. Optimal control of nonlinear uncertain systems over an infinite horizon via fine-horizon approximations. Nonlinear Dynamics and Systems Theory, 3(2): 227-238, 2003. G. Arslan and T. Başar. Decentralized risk-sensitive controller design for strict-feedback systems. Systems and Control Letters, 50(5): 383--393, October 2003. R.T. Maheswaran and T. Başar. Nash equilibrium and decentralized negotiation in auctioning divisible resources. J. Group Decision and Negotiation (GDN), 12:361-395, September 2003 [pdf] K.-J. Park, H. Lim, T. Başar, and C.-H. Choi. Anti-windup compensator for active queue management in TCP networks. Control Engineering Practice, Special Issue on "Control Methods for Telecommunication Networks", 11(10): 1127-1142, October 2003 [pdf]. J. W. Melody, T. Başar, and F. Bullo. On nonlinear controllability of homogeneous systems linear in control. IEEE Transactions on Automatic Control, 48(1): 139-143, January 2003 [pdf]. J. Bredin, R.T. Maheswaran, C. Imer, T. Başar, D. Kotz, and D. Rus. Computational markets to regulate mobile-agent systems. Autonomous Agents and Multi-Agent Systems, 6:235-263, 2003 [pdf]. 2002 Z. Pan, E. Altman, and T. Başar. Robust adaptive flow control in high speed telecommunication networks. J. Applied and Computational Mathematics, 1(2): 108-130, December 2002. T. Başar and R. Srikant. A Stackelberg network game with a large number of followers. J. Optimization Theory and Applications, 115(3):479-490, December 2002 [pdf]. T. Alpcan, T. Başar, R. Srikant, and E. Altman. CDMA uplink power control as a noncooperative game. Wireless Networks, 8:659-670, 2002 [pdf]. G. Arslan and T. Başar. Risk-sensitive adaptive trackers for strict-feedback systems with output measurements. IEEE Trans. Automatic Control, 47(10):1754-1758, October 2002 [pdf]. E. Altman, T. Başar, and R. Srikant. Nash equilibria for combined flow control and routing in networks: Asymptotic behavior for a large number of users. IEEE Trans. Automatic Control, 47(6):917-930, June 2002 [pdf]. E. Altman, T. Başar, T. Jimenez, and N. Shimkin. Competitive routing in networks with polynomial costs. IEEE Trans. Automatic Control, 47(1):92-96, January 2002 [pdf]. 2001 E. Altman, T. Başar, T. Jimenez, and N. Shimkin. Routing into two parallel links: Game-theoretic distributed algorithms. Journal of Parallel and Distributed Computing, special issue on Routing in Computer and Communication Systems, 61(9):1367-1381, September 2001 [pdf]. M. Xiao and T. Başar. Viscosity solutions of two classes of coupled Hamilton-Jacobi-Bellman equations. J. Inequal. and Appl., 6:519-545, 2001. O. C. Imer and T. Başar. Control of congestion in high-speed networks. European J. Control, 7:132-144, September 2001 [pdf]. J.W. Melody, T. Hilbrand, T. Basar, and W.R. Perkins. Parameter identification for inflight detection of aircraft icing: the time-varying case. Control Engineering Practice: A Journal of the IFAC, 9:1327-1335, September 2001. G. Toussaint and T. Basar, Achieving nonvanishing stability regions with high-gain cheap control using H-infinity techniques: The second order case. Systems and Control Letters, 44(2):79-90, October 2001. G. Arslan and T. Başar. Disturbance attenuating output-feedback systems with structurally unknown dynamics. Automatica, 37(8):1175-1188, August 2001. [pdf]. K. Ezal, P.V. Kokotovic, A.R. Teel, and T. Başar. Disturbance attenuating output-feedback control of nonlinear systems with local optimality. Automatica, 37(6):805-817, June 2001 [pdf]. O. C. Imer, S. Compans, T. Başar, and R. Srikant. ABR congestion control in ATM networks. IEEE Control Systems Magazine, 21(1):38-56, February 2001 [pdf]. M. Xiao and T. Başar. Center manifold of the viscous Moore-Greitzer PDE model. SIAM J. Applied Mathematics, 61(3):855-869, 2001. T. Başar. Paradigms for robustness in controller and filter designs. J. Macroeconomic Dynamics, 2002 [pdf]. 2000 M. Xiao and T. Başar. Analysis and control, 122(3):393-401, September 2000. J.W. Melody, T. Başar, W.R. Perkins, P.G. Voulgaris. Parameter identification for inflight detection and characterization of aircraft icing. Control Engineering Practice: A Journal of the IFAC, 8(9):985-1001, September 2000. T. Başar and C. Tang. Locally optimal risk-sensitive controllers for nonlinear strict-feedback systems. J. Optimization Theory and Applications, 105(3):521-541, June 2000. 1999 E. Altman, T. Başar and R. Srikant. Congestion control as a stochastic control problem with action delays. Automatica, 35(12):1937-1950, December 1999 [pdf]. T. Vallee, Ch. Deissenberg, and T. Başar. Optimal open loop cheating in dynamic reversed linear-quadratic Stackelberg games. Annals of Operations Research, 88:217-232, 1999. Z. Pan and T. Başar. H-infinity control of large scale jump linear systems via averaging and aggregation. International J. of Control, 72(10):866-881, 1999. Z. Pan and T. Başar. Backstepping controller design for nonlinear stochastic systems under a risk-sensitive cost criterion. SIAM J. Control and Optimization, 37(3):957-995, 1999. M. Xiao and T. Basar. Finite-dimensional compensators for the H-infinity optimal control of infinite-dimensional systems via a Galerkin-type approximation. SIAM J. Control and Optimization 37(5):1614-1647, 1999. J.B.R. do Val and T. Basar. Receding horizon control of discrete-time Markov jump linear systems. J. Economic Dynamics and Control, 23(8):1099-1131, August 1999, T. Vallee and T. Basar, Off-line computation of Stackelberg solutions with the genetic algorithm, J. Computational Economics, 13(3):201-209, June 1999, I.E. Tezcan and T. Basar, Disturbance attenuating adaptive controllers for parametric strict feedback nonlinear systems with output measurements. ASME J. Dynamic Systems, Measurement and Control, 121:48--57, March 1999. T. Başar. Nash equilibria of risk-sensitive nonlinear stochastic differential games. J. Optimization Theory and Applications, 100(3):479-498, March 1999. T. Başar. Adaptive controller design for tracking and disturbance attenuation in parametric strict-feedback nonlinear systems. IEEE Transactions on Automatic Control, AC-43(8):1066-1083, August 1998 [pdf]. E. Altman and T. Başar. Multi-user rate-based flow control. IEEE Transactions on Neural Networks, 9(3):407-429, May 1998. 1997 G. Didinsky and T. Başar. Minimax adaptive control of uncertain plants. ARI, Springer Verlag, 50(1):3-20, March 1997. O. Ait-Hellal, E. Altman, and T. Başar. Rate-based flow control with bandwidth information for uncertain linear systems with partial state measurements under an H-infinity criterion. IEEE Transactions on Automatic Control, AC-41(9): 1295-1311, September 1996 [pdf] Z. Pan and T. Başar. Time-scale separation and robust controller design for uncertain nonlinear singularly perturbed systems under perfect state measurements. International J. Robust and Nonlinear Control, 6(7): 585-608, August-September 1996. Z. Pan and T. Başar. Model simplification and optimal control of stochastic singularly perturbed systems under exponentiated quadratic cost. SIAM J. Control and Optimization, 34(5), 1734-1766, September 1996. Z. Pan and T. Başar. Robustness of minimax controllers to nonlinear perturbations. J. Optimization Theory and Applications, 87(3): 631--678, December 1995. G. Didinsky, Z. Pan, and T. Başar. Parameter identification for uncertain plants using H-infinity methods. Automatica, 31(9): 1227--1250, September 1995. T. Başar. Minimax control of switching systems under sampling. Systems and Control Letters, 25(5): 315--325, August 1995. Z. Pan and T. Başar. Multi-time scale zero-sum differential games with perfect state measurements. Dynamics and Control, 5(1): 7--29, January 1994 [pdf]. Z. Pan and T. Başar, and H.V. Poor. Minimax robust decentralized detection. IEEE Transactions on Information Theory, IT-40(1): 35--40, January 1994 [pdf]. Z. Pan and T. Başar. Hinfinity -optimal control for singularly perturbed systems. Part II: Imperfect state measurements. IEEE Transactions on Automatic Control, AC-39(2): 280--299, February 1994. [pdf] (Received the George S. Axelby Outstanding Paper Award, December 1995.) T. Başar and R. Bansal. Optimum design of measurement channels and control policies for linearquadratic stochastic systems. European Journal of Operations Research, 73: 226--236, 1994 [pdf]. V.V. Veeravalli, T. Başar, and H.V. Poor. Decentralized Sequential Tests. Mathematics of Signals, Systems, and Control, 7(4): 292-306, December 1994. 1993 T. Başar and R. Srikant. Stochastic differential games with weak spatial and strong informational coupling. Elektrik: Turkish Journal of Electrical Engineering and Computer Science, 1(1): 1--13, 1993 [pdf]. V.V. Veeravalli, T. Başar, and H.V. Poor. Decentralized sequential detection with a fusion center performing the sequential test. IEEE Transactions on Information Theory, IT-39(2): 433--442, March 1993 [pdf]. Z. Pan and T. Başar. H-infinity -optimal control for singularly perturbed systems. Part I: Perfect state measurements. Automatica, 29(2): 401--423, March 1993. G. Didinsky, T. Başar, and P. Bernhard. Structural Properties of minimax controllers for a class of differential games arising in nonlinear control. Systems and Control Letters, 21:433-441, December 1993. R. Srikant and T. Başar. Approximate Nash strategies and suboptimal team solutions in Markov chains with weakly coupled decision makers. International Year-Book of Game Theory and Applications, vol. 1, pp. 65-82, 1993 (Nauka, Novosibirsk). player games with partial weak coupling. Automatica, 28(1):95--106, January 1992. R. Srikant and T. Başar. Asymptotic solutions to weakly coupled stochastic teams with nonclassical information. IEEE Transactions on Automatic Control, AC-37(2):163--173, February 1992 [pdf]. G. Didinsky and T. Başar. Design of minimax controllers for linear systems with nonzero initial states under specified information structures. International Journal of Robust and Nonlinear Control, 2(1):1--30, 1991. T. Başar. Optimum performance levels for minimax filters, predictors and smoothers. Systems and Control Letters, 16:399--409, 1991. T. Başar. A dynamic games approach to controller design: Disturbance rejection in discrete time. IEEE Transactions on Automatic Control, AC-36(8):936--952, August 1991 [pdf]. R. Srikant and T. Başar. Iterative computation of noncooperative equilibria in nonzero-sum differential games with weakly coupled players. J. Optimization Theory and Applications, 71(1):137--168, October 1991. 1990 T. Başar and M. Salmon. Credibility and the value of information transmission in a model of monetary policy and inflation. J. Economic Dynamics and Control, 14:97--116, 1990. 1989 T. Ü. Başar and T. Başar. Optimum linear causal coding schemes for stochastic processes in the presence of correlated jamming. IEEE Transactions on Information Theory, 35(1):199--202, January 1989 [pdf]. T. Başar and S. Li. Distributed algorithms for the computation, 27(3):563--578, May 1989. R. Bansal and T. Başar. Communication games with partially soft power constraints. Journal of Optimization Theory and Applications, 61(3):329--346, June 1989. T. Başar. Some thoughts on rational expectations, 18(6/7):591--604, 1989. Invited contribution to a special issue[pdf]. R. Bansal and T. Başar. Simultaneous design of

measurement and control strategies in stochastic systems with feedback. Automatica, 45(5):679--694, September 1989 [pdf]. T. Başar. Disturbance attenuation in LTI plants with finite horizon: Optimality of nonlinear controllers. Systems and Control Letters, 13(3):183--191, September 1989. T. Başar. Stochastic incentive problems with partial dynamic information and multiple levels of hierarchy. European J. Political Economy (special issue on ``Economic Design''), V:203--217, 1989. 1988 S. J. Turnovsky, T. Başar, and V. D'Orey. Dynamic strategic monetary policies and coordination in interdependent economics. The American Economic Review, 78(3):341--361, June 1988. T. Başar. Asynchronous algorithms in noncooperative games. J. Economic Dynamics and Control, 12:167--172, March 1988 [pdf]. T. Başar. Solutions to a class of nonstandard stochastic control, AC-33(12):1122--1129, December 1988 [pdf]. 1987 T. Başar and P. R. Kumar. On worst case design strategies. Computers and Mathematics with Applications: Special Issue on Pursuit -- Evasion Differential Games, 13(1-3):239--245, 1987. R. Bansal and T. Başar. Distributed algorithms for the computation of noncooperative equilibria. Automatica, 23(4):523--533, July 1987 [pdf] T. Başar. Relaxation techniques and Control, 11:531--549, December 1987 [pdf] R. Bansal and T. Başar. Solutions to a class of linear-quadratic-Gaussian LQG stochastic team problems with nonclassical information. Systems and Control Letters, 9(2):125--130, 1987 [pdf] S. Li and T. Başar. Asymptotic agreement and convergence of asynchronous stochastic algorithms. IEEE Transactions on Automatic Control, AC-32(7):612--618, July 1987 [pdf] 1986 T. Başar and Y.-W. Wu. Solutions to a class of minimax decision problems arising in communication systems. J. Optimization Theory and Applications, 51(3):375--404, December 1986. T. Başar, S. J. Turnovsky, and V. D'Orey. Optimal strategic monetary policies in dynamic interdependent economics (A summary paper). Journal of Economic Dynamics and Control, 10:15--19, 1986. 1985 T. Başar, A. Haurie, and G. Ricci. On the dominance of capitalists leadership in a feedback Stackelberg solution of a differential game model of capitalism. J. Economic Dynamics and Control, 9:101--125, November 1985 [pdf]. D. H. Cansever and T. Başar. On stochastic incentive control problems with partial dynamic information. Systems and Control Letters, 6(1):69--75, 1985. T. Başar. An equilibrium theory for multi-person decision making with multiple probabilistic models. IEEE Transactions on Automatic Control, AC-30(2):118--132, February 1985 [pdf] T. Başar and Y. W. Wu. A complete statistical description. IEEE Transactions on Information Theory, IT-31(4):482--489, July 1985 [pdf]. D. H. Cansever and T. Başar. Optimum/near optimum incentive policies for stochastic decision problems involving parametric uncertainty. Automatica, 21(5):575--584, September 1985. H. P. Geering and T. Başar. Existence of dominant solutions in linear output feedback. IEEE Transactions on Automatic Control, AC-30(8):828--839, August 1985 [pdf]. T. Başar. Informational uniqueness of closed-loop Nash equilibria for a class of nonstandard dynamic games. Journal of Optimization Theory and Applications, 46(4):409--419, August 1985. 1984 T. Başar. Affine incentive schemes for stochastic systems with dynamic information. SIAM Journal on Control and Optimization, 22(2):199--210, March 1984. T. Başar and T. Ü. Başar. A bandwidth expanding scheme for communication channels with noiseless feedback and in the presence of unknown jamming noise. Journal of the Franklin Institute, 317(2):73--88, February 1984. Y. P. Zheng, T. Başar, and J. B. Cruz, Jr. Stackelberg strategies and incentives in multi person deterministic decision problems. IEEE Transactions on Systems, Man and Cybernetics, SMC-14(1):10--20, January-February 1984. 1983 V. R. Perkins, and T. Başar. Information induced multimodel solutions in multiple decision maker problems. Special Joint Issue on Large Scale Systems of IEEE Transactions on Automatic Control, AC-28(6):716--729, June 1983; IEEE Transactions on Circuits and Systems, CAS-30(6):403--415, 1983; IEEE Transactions on Circuits and Cybernetics, SMC-13(4): 27--31, 1983 [pdf]. T. Başar. The Gaussian test channel with an intelligent jammer. IEEE Transactions on Information Theory, IT-29(1):152--157, January 1983 [pdf]. D. H. Cansever and T. Başar. A minimum sensitivity approach to incentive design problems. Large Scale Systems under partial dynamic information. Journal of Optimization Theory and Applications, 39(1):67--87, January 1983. 1982. V. R. Saksena and T. Başar. A multimodel approach to stochastic team problems. Automatica, 18(6):713--720, November 1982. T. Başar. A stochastic team problems. Automatica, 18(6):713--720, November 1982. T. Başar. A general theory for Stackelberg games with partial state information. Large Scale Systems, 3(1):47--56, 1982. T. Ü. Başar and T. Başar. Optimum coding and decoding schemes for the transmission of a stochastic process over a continuous-time stochastic channel with partially unknown statistics. Stochastics, 8(3):213--237, 1982. 1981 A. Bagchi and T. Başar. Stackelberg strategies in linear-quadratic stochastic differential games. Journal of Optimization Theory and Applications, 35(3):443--464, November 1981. T. Başar. On the saddle-point solution of a class of stochastic differential games with multi-levels of hierarchy. Automatica, 17(5):749--754, 1981 [pdf]. T. Başar. On the saddle-point solution of a class of stochastic differential games. games. Journal on Optimization Theory and Applications, 33(4):539--556, April 1981 [pdf]. T. Başar. Stochastic multi-criteria decision problems with multi levels of hierarchy. IEEE Transactions on Automatic Control, AC-26(2):549--553, April 1981 [pdf]. 1980 A. Bagchi and T. Başar. Team decision theory for linear continuous-time systems. IEEE Transactions on Automatic Control, AC-27(6):1154-1161, December 1980 [pdf]. T. Başar. A trace minimization problem with applications, 31(2):343--359, July 1980. T. Başar and G. J. Olsder. Team-optimal closed-loop Stackelberg strategies in hierarchical control problems. Automatica, 16(4):409--414, July 1980. T. Başar and G. J. Olsder. Mixed Stackelberg strategies in continuous-kernel games. IEEE Transactions on Automatic Control, 25(4):307--309, April 1980 [pdf]. T. Başar. Optimum coordination of linear interconnected systems. Large Scale Systems, 1(1):17--27, 1980. 1979 T. Ü. Başar and T. Başar. Optimum linear coding in continuous-time communication systems with noisy side information at the decoder. IEEE Transactions on Automatic Control, AC-24(2):166--179, April 1979 [pdf]. 1978 T. Başar. Two-criteria LQG decision problems with one-step delay observation of linear stochastic systems. IEEE Transactions on Automatic Control, AC-23(2):233--243, April 1979 [pdf]. T. Başar. Decentralized multicriteria optimization of linear stochastic systems. IEEE Transactions on Automatic Control, AC-23(2):233--243, April 1979 1978. Special issue [pdf]. T. Başar. Equilibrium solutions in static decision problems with random coefficients in the quadratic cost. IEEE Transactions on Automatic Control, AC-23(5):960--962, October 1978 [pdf]. 1977 T. Başar. Informationally nonunique equilibrium solutions in differential games. SIAM Journal on Control, 15(4):636--660, July 1977. T. Başar. Two general properties of the saddle-point solutions of dynamic games. IEEE Transactions on Automatic Control, AC-22(1):124--126, February 1977 [pdf]. T. Başar and H. Selbuz. Properties of Nash solutions of a 2-stage nonzerosum game. IEEE Transactions on Automatic Control, AC-21(1):48--54, February 1976. T. Başar. On the optimality of nonlinear designs in the control of linear designs i Journal of Game Theory, 5(2/3):65--90, 1976. T. Başar. Some thoughts on saddle-point conditions and information structures. IEEE Transactions on Automatic Control, AC-20(3):320--328, June 1975 [pdf]. T. Başar. Nash strategies for M-person differential games with mixed informational properties of the Nash solutions of two stochastic nonzero-sum games. Journal of Economic Theory, 7(4):370--387, April 1974 [pdf]. T. Başar. A counter example in linear-quadratic games: Existence of non-linear Nash solutions. Journal of Optimization Theory and Applications, 14(4):425--430, October 1974. 1973 T. Başar. On the relative leadership property of Stackelberg strategies. The Journal of Optimization Theory and Applications, 11(6):655--661, June 1973. T. Başar and M. Mintz. On a minimax estimate for the mean of a normal random vector under a generalized quadratic loss function. The Annals of Statistics, 1(1):127--134, January 1973. T. Başar and M. Mintz. A multistage pursuit-evasion game that admits a Gaussian random process as a maximin control policy. Stochastics, 1(1):25--69, 1973. 1972 T. Başar and M. Mintz. Minimax terminal state estimation for linear plants with unknown forcing functions. International Journal of Control, 16(1):49--70, August 1972. 2021 P.E. Pare, J. Liu, C.L. Beck, B. Kirwan, and T. Başar. Analysis, estimation, and validation of discrete-time epidemic processes. Proc. 5th IEEE Conference on Control Technology and Applications (CCTA 2021), San Diego, CA, Aug 9-11, 2021 (to appear). K. Alshehri M. Ndrio, S. Bose, and T. Başar. Quantifying market efficiency impacts of aggregated distributed energy resources. Proc. IEEE PES General Meeting 2021, Washington DC, July 25-29, 2021 (virtual), to appear. W. Mao, K. Zhang, R. Zhu, D. Simchi-Levi, and T. Başar. Near-optimal model-free reinforcement learning in non-stationary episodic MDPs. Proc. 38th International Conference on Machine Learning (ICML 2021; July 19-23, 2021; to appear. T.R. Oliveira, V.H.P. Rodrigues, M. Krstic, and T. Başar. Nash equilibrium seeking with players acting through heat PDE dynamics. Proc. 2021 American Control Conference (ACC 2021), New Orleans, May 26-28, 2021 (virtual), pp. 683-688. S.Y. Olmez, J. Mori, E. Miehling, T. Başar, R. Smith, M. West, P.G. Mehta. Building stochastic epidemiological models: a data-informed approach. Proc. 2021 American Control Conference (ACC 2021), New Orleans, May 26-28, 2021 (virtual), pp. 3129-3135. S. Lu, K. Zhang, T. Chen, T. Başar, and L. Horesh. Decentralized policy gradient descent ascent for safe multi-agent reinforcement learning. Proc. 35th AAAI Conference on Artificial Intelligence (AAAI-21, Feb 2-9, 2021; virtual), to appear. 2020 T.R. Oliveira, V.H.P. Rodrigues, M. Krstic, and T. Başar. Nash equilibrium seeking with arbitrarily delayed player actions. Proc. 59th IEEE Conference on Decision and Control (CDC'20, Dec 14-18, 2020; Jeju Island, Republic of Korea (virtual)), pp. 150-155. M.A. uz Zaman, K. Zhang, E. Miehling, and T. Başar. Reinforcement learning in non-stationary discrete-time linear-guadratic mean-field games. Proc. 59th IEEE Conference on Decision and Control (CDC'20, Dec 14-18, 2020; Jeju Island, Republic of Korea (virtual)), pp. 2278-2284. W. Mao, K. Zhang, E. Miehling, and T. Başar. Information state embedding in partially observable cooperative multi-agent reinforcement learning. Proc. 59th IEEE Conference on Decision and Control (CDC'20, Dec 14-18, 2020; Jeju Island, Republic of Korea (virtual)), pp. 6124-6131. J. I. Poveda, M. Krstic, and T. Başar. Fixed-time Nash equilibrium seeking in non-cooperative games. Proc. 59th IEEE Conference on Decision and Control (CDC'20, Dec 14-18, 2020; Jeju Island, Republic of Korea (virtual)), pp. 3514-3519. J. Zhang, K. You, and T. Başar. Achieving globally superlinear convergence for distributed optimization with adaptive Newton method Proc. 59th IEEE Conference on Decision and Control (CDC'20, Dec 14-18, 2020; Jeju Island, Republic of Korea (virtual)), pp. 1122-1127. X. Cao and T. Başar. Differentially private parameter estimation: Optimal noise insertion and data owner selection. Proc. 59th IEEE Conference on Decision and Control (CDC'20, Dec 14-18, 2020; Jeju Island, Republic of Korea (virtual)), pp. 2887-2893. T. Ma, J. Xu, H. Zhang, and T. Başar. Optimal control approach for rational expectations models with longer forward-looking time. Proc. 16th International Conference on Control, Automation, Robotics and Vision (ICARCV, Dec 13-15, 2020; Shenzhen, China). K. Zhang, S. Kakade, T. Başar, and L. Yang. Model-based multi-agent RL in zero-sum Markov games with near-optimal sample complexity. Proc. 34th Conference on Neural Information Processing Systems (NeurIPS 2020, Dec 6-12, 2020; virtual). D. Ding, K. Zhang, T. Basar, and M. Jovanovic. Natural policy-gradient primal-dual method for constrained Markov decision processes. Proc. 34th Conference on Neural Information Processing Systems (NeurIPS 2020, Dec 6-12, 2020; virtual). K. Zhang, T. Basar, and M. Jovanovic. Natural policy-gradient primal-dual method for constrained Markov decision processes. Proc. 34th Conference on Neural Information Processing Systems (NeurIPS 2020, Dec 6-12, 2020; virtual). K. Zhang, T. Basar, and M. Jovanovic. Natural policy-gradient primal-dual method for constrained Markov decision processes. Başar. Robust multi-agent reinforcement learning with model uncertainty. Proc. 34th Conference on Neural Information Processing Systems (NeurIPS 2020, Dec 6-12, 2020; virtual). W. Mao, K. Zhang, Q. Xie, and T. Başar. POLY-HOOT: Monte-Carlo planning in continuous space MDPs with non-asymptotic analysis. Proc. 34th Conference on Neural Information Processing Systems (NeurIPS 2020, Dec 6-12, 2020; virtual). Y. Liu, K. Zhang, T. Basar, and W. Yin. Improved convergence of (variance-reduced) policy gradient and natural policy gradient methods. Proc. 34th Conference on Neural Information Processing Systems (NeurIPS 2020, Dec 6-12, 2020; virtual). K. Zhang, B. Hu, and T. Basar. On the stability and convergence of robust adversarial reinforcement learning: a case study on linear quadratic systems. Proc. 34th Conference on Neural Information Processing Systems (NeurIPS 2020, Dec 6-12, 2020; virtual). X. Cao and T. Basar. Decentralized multitask recursive least squares with local linear constraints. Proc. 54th Asilomar Conference on Signals, Systems and Computers, Nov 1-4, 2020 (virtual) U. Sadana, E. Miehling, C. Langbort, and T. Başar. Inducing timely software patching via strategic vulnerability disclosure. INFORMS 2020 Virtual Annual Meeting, November 2020. E. Miehling, C. Langbort, and T. Başar. Secure contingency prediction and response for cyber-physical systems. Proc. IEEE Conference on Control Technology and Applications (CCTA), Montreal, Canada, August 24-26, 2020 (virtual) K. Zhang, Z. Yang, H. Liu, T. Zhang, and T. Başar. Finite-sample analysis for decentralized cooperative multi-agent reinforcement learning from batch data. Proc. 21st IFAC WC 2020), Berlin, Germany, July 12-17, 2020 (virtual). W. Suttle, Z. Yang, K. Zhang, Z. Wang, T. Başar, and J. Liu. A multi-agent off-policy actor-critic algorithm for distributed reinforcement learning. Proc. 21st IFAC WC 2020), Berlin, Germany, July 12-17, 2020 (virtual). D. Wang, J. Liu, P.E. Pare, W. Chen, L. Qiu, C.L. Beck, and T. Başar. Controlling a networked SIS model via a single input over undirected graphs. Proc. 21st IFAC World Congress (IFAC WC 2020), Berlin, Germany, July 12-17, 2020 (virtual). T. Başar and Z. Pan. A generalized minimum phase property for finite-dimensional continuous-time square MIMO LTI systems with additive disturbances. Proc. 21st IFAC World Congress (IFAC WC 2020), Berlin, Germany, July 12-17, 2020 (virtual). 12-17, 2020 (virtual). M.A. uz Zaman, K. Zhang, E. Miehling, and T. Başar. Approximate equilibrium computation for discrete-time linear-quadratic mean-field games. Proc. 2020 (virtual), pp. 333-339. K. Zhang, B. Hu, and T. Başar. Policy optimization for H-2 linear control with Hinfinity robustness guarantee: implicit regularization and global convergence. Proc. Machine Learning Research, 2020 (virtual)). 2019 N. Saldi, T. Başar, and M. Raginsky. Partially-observed discrete-time risk-sensitive mean-field games. Proc. 58th IEEE Conference on Decision and Control (CDC'19, Dec 11-13, 2019; Nice, France), pp. 3641-3647. E. Miehling, R. Dong, C. Langbort, and T. Başar. Strategic inference with a single private sample. Proc. 58th IEEE Conference on Decision and Control (CDC'19, Dec 11-13, 2019; Nice, France), pp.2188-2193. Y. Lin, K. Zhang, Z. Wang, T. Başar, R. Sandhu, and J. Liu. A communication-efficient multi-agent actor-critic algorithm for distributed reinforcement learning. Proc. 58th IEEE Conference on Decision and Control (CDC'19, Dec 11-13, 2019; Nice, France), pp. 5562-5567. J. Liu, A. Chakrabortty, and T. Başar. Exponentially fast estimation of power system oscillation modes using distributed phasor data. Proc. 58th IEEE Conference on Decision and Control (CDC'19, Dec 11-13, 2019; Nice, France), pp. 7506-7511. J. Moon and T. Başar. Stochastic zero-sum differential games for forward-backward SDEs: Dynamic programming principle, Hamilton-Jacobi-Isaacs equations and viscosity solutions. Proc. 58th IEEE Conference on Decision and Control (CDC'19, Dec 11-13, 2019; Nice, France), pp. 6350-6355. K. Zhang, A. Koppel, H. Zhu, and T. Başar. Convergence and iteration complexity of policy gradient method for infinite-horizon reinforcement learning. Proc. 58th IEEE Conference on Decision and Control (CDC'19, Dec 11-13, 2019; Nice, France), pp. 7415-7422. Y. Lin, Y. Luo, W. Suttle, K. Zhang, Z. Wang, T. Başar, R. Sandhu, and J. Liu. An asynchronous multi-agent actor-critic algorithm for distributed reinforcement learning. Proc. Workshop on Optimization Foundations of Reinforcement Learning, 2019 Conference on Neural Information Processing Systems (OptRL2019@NeurIPS, Dec 14, 2019; Vancouver, Canada). X. Zhang, E. Miehling, and T. Başar. Non-cooperative inverse reinforcement learning. Proc. 2019 Conference on Neural Information Processing Systems (NeurIPS'19, Dec 8-14, 2019; Vancouver, Canada), pp. 9482-9493. K. Zhang, Z. Yang, and T. Başar. Policy optimization provably converges to Nash equilibria in zero-sum linear quadratic games. Proc. 2019 Conference on Neural Information Processing Systems (NeurIPS'19, Dec 8-14, 2019; Vancouver, Canada), pp. 9482-9493. K. Zhang, Z. Yang, and T. Başar. Policy optimization provably converges to Nash equilibria in zero-sum linear quadratic games. Proc. 2019 Conference on Neural Information Processing Systems (NeurIPS'19, Dec 8-14, 2019; Vancouver, Canada), pp. 9482-9493. K. Zhang, Z. Yang, and T. Başar. Policy optimization provably converges to Nash equilibria in zero-sum linear quadratic games. Proc. 2019 Conference on Neural Information Processing Systems (NeurIPS'19, Dec 8-14, 2019; Vancouver, Canada), pp. 9482-9493. K. Zhang, Z. Yang, and T. Başar. Policy optimization provably converges to Nash equilibria in zero-sum linear quadratic games. Proc. 2019 Conference on Neural Information Processing Systems (NeurIPS'19, Dec 8-14, 2019; Vancouver, Canada), pp. 9482-9493. K. Zhang, Z. Yang, and T. Başar. Policy optimization provably converges to Nash equilibria in zero-sum linear quadratic games. Proc. 2019 Conference on Neural Information Processing Systems (NeurIPS'19, Dec 8-14, 2019; Vancouver, Canada), pp. 9482-9493. K. Zhang, Z. Yang, and T. Başar. Policy optimization provably converges to Nash equilibria in zero-sum linear quadratic games. Proc. 2019 Conference on Neural Information Processing Systems (NeurIPS'19, Dec 8-14, 2019; Vancouver, Canada), pp. 9482-9493. K. Zhang, Z. Yang, and T. Başar. Policy optimization Processing Systems (NeurIPS'19, Dec 8-14, 2019; Vancouver, Canada), pp. 9482-9493. K. Zhang, Zhang, Zhang, Zhang, Zhang, Zhang, Zha pp. 11598-11610. M.O. Sayin and T. Başar. On the optimality of linear signaling to deceive Kalman filters over finite/infinite horizons. Proc. GameSec 2019 (10th International Conference on Decision and Game Theory for Security), October 30-November 1, 2019; Stockholm, Sweden (Springer LNCS 11836, T. Alpcan, Y. Vorobeychik, J. Baras, G. Dan (Eds.)), pp. 459-478. K. Zhang, E. Miehling, and T. Başar. Online planning for decentralized stochastic control with partial history sharing. Proc. 2019, pp. 3544-3550. S.F. Ruf, P.E. Pare, J. Liu, C.L. Beck, and T. Başar. A viral model of product adoption with antagonistic interactions. Proc. 2019 American Control Conference (ACC 2019), Philadelphia, Pennsylvania, July 10-12, 2019, pp. 3382-3387. E. Miehling, R. Dong, C. Langbort, and T. Başar. Strategic inference under private sampling. Proc. ACM EC 2019 Workshop on Learning in Presence of Strategic Behavior, Phoenix, Arizona, June 28, 2019. M.A. Noureddine, A. Fawaz, A. Hsu, C. Guldner, S. Vijay, T. Başar, and W.R. Sanders. Revisiting client puzzles for state exhaustion attacks resilience. Proc. 49th IEEE/IFIP International Conference on Dependable Systems and Networks (DSN 2019), Portland, Oregon, June 24-27, 2019. K. Alshehri, M. Ndrio, S. Bose, and T. Başar. The impact of aggregating distributed energy resources on electricity market efficiency. Proc. 53rd Annual Conference on Information Systems & Sciences, Johns Hopkins University, Baltimore, Maryland, March 20-22, 2019. K. Zhang, A. Koppel, H. Zhu, and T. Başar. Policy search in infinite-horizon discounted reinforcement learning: advances through connections to non-convex optimization. Proc. 53rd Annual Conference on Information Systems & Sciences, Johns Hopkins University, Baltimore, Maryland, March 20-22, 2019. 2018 M.O.Sayin and T. Başar. On Decision and Control (CDC'18, Dec 17-19, 2018; Miami, FL), pp. 1110-1117. X. Gao, E. Akyol, and T. Başar. On communication scheduling and remote estimation in the presence of an adversary as a nonzero-sum game. Proc. 57th IEEE Conference on Decision and Control (CDC'18, Dec 17-19, 2018; Miami, FL), pp. 2710-2715. J. Liu, M. Ye, B. D.O. Anderson, T. Başar, and A. Nedich. Discrete-time polar opinion dynamics with heterogeneous individuals. Proc. 57th IEEE Conference on Decision and Control (CDC'18, Dec 17-19, 2018; Miami, FL), pp. 1694-1699. B. Kiumarsi and T. Başar. Human-in-the-loop control of distributed multi-agent systems: a relative input-output approach. Proc. 57th IEEE Conference on Decision and Control (CDC'18, Dec 17-19, 2018; Miami, FL), pp. 3343-3348. X. Gao, D. Liberzon, and T. Başar. On stability of nonlinear slowly time-varying and switched systems. Proc. 57th IEEE Conference on Decision and Control (CDC'18, Dec 17-19, 2018; Miami, FL), pp. 6458-6463. K. Zhang, H. Zhu, T. Başar, and A. Koppel. Projected stochastic primal-dual method for constrained online learning with kernels. Proc. 57th IEEE Conference on Decision and Control (CDC'18, Dec 17-19, 2018; Miami, FL), 4224-4231. K. Zhang, Z. Yang, and T. Başar. Networked multi-agent reinforcement learning in continuous spaces. Proc. 57th IEEE Conference on Decision and Control (CDC'18, Dec 17-19, 2018; Miami, FL), pp. 2771-2776. Y. Liu, J. Liu, and T. Başar. Differentially private gossip gradient descent. Proc. 57th IEEE Conference on Decision and Control (CDC'18, Dec 17-19, 2018; Miami, FL), pp. 2777-2782. Z. Yang, K. Zhang, M. Hong, and T. Basar. A finite sample analysis of the actor-critic algorithm. Proc. 57th IEEE Conference on Decision and Control (CDC'18, Dec 17-19, 2018; Miami, FL), pp. 2759-2764. Z. Pan and T. Basar. A finite sample analysis of the actor-critic algorithm. Proc. 57th IEEE Conference on Decision and Control (CDC'18, Dec 17-19, 2018; Miami, FL), pp. 2759-2764. Z. Pan and T. Basar. Generalized minimum phase property for finite-dimensional continuous-time SISO LTI systems with additive disturbances. Proc. 57th IEEE Conference on Decision and Control (CDC'18, Dec 17-19, 2018; Miami, FL), pp. 6256-6262. M.O. Sayin, H. Hosseini, R. Poovendran, and T. Başar. A game theoretical framework for inter-process adversarial intervention detection. Proc. GameSec 2018 (9th International Conference on Decision and Game Theory for Security), October 29-31, 2018; Seattle, WA (Springer LNCS 11199, L. Bushnell, R. Poovendran, and T. Başar, Eds.), pp. 486-507. B. Kiumarsi and T. Başar. Distributed aggregative games on graphs in adversarial environments Proc. GameSec 2018 (9th International Conference on Decision and Game Theory for Security), October 29-31, 2018; Seattle, WA (Springer LNCS 11199, L. Bushnell, R. Poovendran, and T. Başar. A Bayesian multi-armed bandit approach for identifying human vulnerabilities. Proc. GameSec 2018 (9th International Conference on Decision and Game Theory for Security), October 29-31, 2018; Seattle, WA (Springer LNCS 11199, L.. Bushnell, R. Poovendran, and T. Başar, Eds.), pp. 521-539. M.O. Sayin and T. Başar, Eds.), pp. 521-539. M.O. Sa Copenhagen, Denmark, August 21-24, 2018.. Z. Cheng, Q. Zhao, and T. Başar. Case study of energy-saving game for public buildings. Proc. 14th IEEE International Conference on Automation Science and Engineering (CASE 2018), Munich, Germany, August 20-24, 2018. K. Zhang, Z. Yang, H. Liu, T. Zhang, and T. Başar. Fully decentralized multi-agent reinforcement learning with networked agents. Proc. 35th International Conference on Machine Learning (ICML 2018), Stockholm, Sweden, July 10-15, 2018. J. Liu, J. Liu Moon and T. Başar. Risk-sensitive mean field games via the stochastic maximum principle. 18th International Symposium on Dynamic Games and Applications, T. Başar, S. Diggav, et al (20 others). Will distributed computing revolutionize peace? The emergence of Battlefield IoT. Proc. 38th IEEE International Conference on Distributed Computing Systems (ICDCS 2018), Vienna, Austria, July 1, 2018. Q. Ma, B. Shou, J. Huang, and T. Başar. Dynamic pricing in the presence of participation-dependent social learning. Proc. 19th International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc 2018), Los Angeles, CA, June 26-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar, and C.L. Beck. Discrete-time optimization by exchanging one June 27-29, 2018, pp. 404-409. J. Zhang, K. You, and T. Başar. Distributed discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar. Distributed discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar, and C.L. Beck. Discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar, and C.L. Beck. Discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar, and C.L. Beck. Discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar, and C.L. Beck. Discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar, and C.L. Beck. Discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar, and C.L. Beck. Discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar, and C.L. Beck. Discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar, and C.L. Beck. Discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar, and C.L. Beck. Discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar, and C.L. Beck. Discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar, and C.L. Beck. Discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, T. Başar, and C.L. Beck. Discrete-time optimization by exchanging one June 27-29, 2018. P. E. Pare, B. Kirwan, J. Liu, J. Li bit of information. Proc. 2018 American Control Conference (ACC 2018), Milwaukee, WI, June 27-29, 2018, pp. 2065-2070. K. Zhang, W.Shi, H.Zhu, and T. Başar. Distributed equilibrium-learning for power network voltage control with a locally connected communication network. Proc. 2018 American Control Conference (ACC 2018), Milwaukee, WI, June 27-29, 2018, pp. 3092-3097. P. E. Pare, J. Liu, C.L. Beck, and T. Basar. A coupled bi-virus spread model in networked systems. Proc. 2018 American Control Conference (ACC 2018), Milwaukee, WI, June 27-29, 2018, pp. 4414-4419. A. Ferdowsi, A. Sanjab, W. Saad, and T. Basar. Generalized Colonel Blotto game. Proc. 2018 American Control Conference (ACC 2018), Milwaukee, WI, June 27-29, 2018, pp. 5744-5749. M.O. Sayin, C.-W. Lin, S.Shiraishi, and T. Başar. Reliable intersection control in non-cooperative environments. Proc. 2018 American Control conference (ACC 2018), Milwaukee, WI, June 27-29, 2018, pp. 6347-6352. T. Başar. A consensus problem in mean field setting with noisy measurements of target. Proc. 2018 American Control Conference (ACC 2018), Milwaukee, WI, June 27-29, 2018, pp. 6545-6552. 2017 S. Bolouki, be control Conference (ACC 2018), Milwaukee, WI, June 27-29, 2018, pp. 6545-6552. 2017 S. Bolouki, be control cont D.G.. Dobakhshari, T. Başar, V. Gupta, and A. Nedich. Applications of group testing to security decision-making in networks. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 2929-2934. M. Ye, J. Liu, B.D.O. Anderson, C. Yu, and T. Başar. Modification of social dominance in social networks by selective adjustment of interpersonal weights. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 2906-2911. J. Liu, Y. Liu, A. Nedich, and T. Başar. An approach to distributed parametric learning with streaming data. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 2906-2911. J. Liu, Y. Liu, A. Nedich, and T. Başar. An approach to distributed parametric learning with streaming data. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 2906-2911. J. Liu, Y. Liu, A. Nedich, and T. Başar. An approach to distributed parametric learning with streaming data. Melbourne, Australia), pp. 3206-3211. W. Chen, D. Wang, J. Liu, T. Başar, and L. Qiu. On spectral properties of signed Laplacians. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 1999-2002. D. Wang, W. Chen, S.Z. Khong, J. Liu, T. Başar, and L. Qiu. A dynamical network framework and its applications. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 2924-2928. Y. Li, A. S. Morse, Ji Liu, and T. Başar. Countries' survival in networked international environments. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 2912-2917. W. Xia, Ji Liu, T. Başar, and X.-M. Sun. On convergence rate of a continuous-time distributed self-appraisal model with time-varying relative interaction matrices. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 4076-4081. X. Chen, Z. Gao, and T. Başar. Asymptotic behavior of a reduced conjunctive interaction matrices. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 4076-4081. X. Chen, Z. Gao, and T. Başar. Asymptotic behavior of a reduced conjunctive interaction matrices. Boolean network. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 4404-4409. E. Akyol, T. Başar, and C. Langbort. Signaling games in networked cyber-physical systems with strategic elements. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 4404-4409. E. Akyol, T. Başar, and C. Langbort. Signaling games in networked cyber-physical systems with strategic elements. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 4404-4409. E. Akyol, T. Başar, and C. Langbort. Signaling games in networked cyber-physical systems with strategic elements. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 4404-4409. E. Akyol, T. Başar, and C. Langbort. Signaling games in networked cyber-physical systems with strategic elements. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 4404-4409. E. Akyol, T. Başar, and C. Langbort. Signaling games in networked cyber-physical systems with strategic elements. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 4404-4409. E. Akyol, T. Başar, and C. Langbort. Signaling games in networked cyber-physical systems with strategic elements. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 4404-4409. E. Akyol, T. Başar, and C. Langbort. Signaling games in networked cyber-physical systems with strategic elements. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 4404-4409. E. Akyol, T. Başar, and C. Langbort. Signaling games in networked cyber-physical systems with strategic elements. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 4404-4409. E. Akyol, T. Başar, and C. Langbort. Signaling games in networked cyber-physical s pp. 4576-4581. J. Liu, P. E. Pare, A. Nedich, C.L. Beck, and T. Başar. On a continuous-time multi-group bi-virus model with human awareness. Proc. 56th IEEE Conference on Decision and Control (CDC'17, Dec 12-15, 2017; Melbourne, Australia), pp. 4124-4129. E. Akyol, C. Langbort, and T. Başar. Networked estimation-privacy games. Proc. 5th IEEE Global Conference on Signal and Information Processing (GlobalSIP 2017, Nov 14-16, 2017; Montreal, Canada). V.S.S. Nadendla, E. Akyol, C. Langbort, and T. Başar. Strategic communication between prospect theoretic agents over a Gaussian test channel. Proc. MILCOM 2017 (Oct 23-25, 2017; Baltimore, MD). M.O. Sayin and T. Başar. Secure sensor design for cyber-physical systems against advanced persistent threats. Proc. GameSec 2017 (8th International Conference on Decision and Game Theory for Security), October 23-25, 2017; Vienna, Austria (Springer LNCS 10575, S. Rass, B. An, C. Kiekintveld, F. Fang, and S. Schauder, Eds.), pp. 91-111. T. Başar and A. Isidori. A tribute in memory of Roberto Tempo. Proc. 20th IFAC World Congress (IFAC WC 2017), Toulouse, France, July 9-14, 2017, pp. 14147-14153. S. Bolouki, M.H. Manshaei, A. Nedich, and T. Başar. Cash-settled options for wholesale electricity markets. Proc. 20th IFAC WC 2017), Toulouse, France, July 9-14, 2017, pp. 14147-14153. S. Bolouki, M.H. Manshaei, A. Nedich, and T. Başar. Group testing game. Proc. 20th IFAC World Congress (IFAC WC 2017), Toulouse, France, July 9-14, 2017, pp. 14909-14, 2017, pp. 14909-14, 2017, pp. 14909-14, 2017), Toulouse, France, July 9-14, 2017, pp. 14909-14, 2017, pp. 14909-14, 2017), Toulouse, France, July 9-14, 2017, pp. 14909-14, 2017, pp. 14909-14, 2017), Toulouse, France, July 9-14, 2017, pp. 14909-14, 2017), Toulouse, France, July 9-14, 2017, pp. 14909-14, 2017, pp. 14909-14, 2017), Toulouse, France, July 9-14, 2017, pp. 14909-14, 2017, pp. 14909-14, 2017), Toulouse, France, July 9-14, 2017, pp. 14909-14, 2017, pp. 14909-14914. M. Ye, J. Liu, B.D.O. Anderson, C. Yu, and T. Başar. On the analysis of the DeGroot-Friedkin model with dynamic relative interaction matrices. Proc. 20th IFAC WC 2017), Toulouse, France, July 9-14, 2017, pp. 12408-12413. Z. Gao, X. Chen, and T. Başar. State-controlling sets for conjunctive Boolean networks. Proc. 20th IFAC World Congress (IFAC WC 2017), Toulouse, France, July 9-14, 2017, pp. 14855-14860. T. Başar and J. Moon. Riccati equations in Nash and Stackelberg differential and dynamic games. Proc. 20th IFAC WC 2017), Toulouse, France, July 9-14, 2017, pp. 9957-9964. A. Oner, T. Başar, and G.O. Gunel. Mean field differential games in intelligent transportation systems. Proc. 5th IEEE International Conference on Models and Technologies for Intelligent Transportation by a Young Researcher".) N. Saldi, T. Başar, and M. Raginsky. Markov-Nash equilibria in mean-field games with discounted cost. Proc. 2017 American Control Conference (ACC 2017), Seattle, WA, May 24-26, 2017, pp. 3676-3681. Z. Gao, X. Chen, and T. Başar. Orbit-controlling sets for conjunctive Boolean networks. Proc. 2017 American Control Conference (ACC 2017), Seattle, WA, May 24-26, 2017, pp. 4989-4994. P. E. Pare, J. Liu, C.L. Beck, A. Nedich, and T. Başar. Multi-competitive viruses over static and time-varying networks. Proc. 2017 American Control Conference (ACC 2017), Seattle, WA, May 24-26, 2017, pp. 1685-1690. J. Liu, D. Wang, W. Chen, and T. Başar. Modulus consensus over time-varying digraphs. Proc. 2017 American Control Conference (ACC 2017), Seattle, WA, May 24-26, 2017, pp. 1685-1690. J. Liu, D. Wang, W. Chen, and T. Başar. Modulus consensus over time-varying digraphs. Proc. 2017 American Control Conference (ACC 2017), Seattle, WA, May 24-26, 2017, pp. 948-953. J. Liu, D. Fullmer, A. Nedich, T. Başar, and A. S. Morse. A distributed algorithm for computing a common fixed point of a family of strongly quasi-nonexpansive maps. Proc. 2017 American Control Conference (ACC 2017), Seattle, WA, May 24-26, 2017, pp. 686-690. Y. Liu, J. Liu, T. Başar, and M. Liu. Distributed belief averaging using sequential observations. Proc. 2017 American Control Conference (ACC 2017), Seattle, WA, May 24-26, 2017, pp. 680-685. A. Sanjab, W. Saad, and T. Başar. Prospect theory for enhanced cyber-physical security of drone delivery systems: a network interdiction game. Proc. IEEE ICC 2017 Communication and Information Security Symposium (CISS 2017), Paris, France, May 21-25, 2017 . 2016 J. Liu, P. Pare, A. Nedich, C.Y. Tang, C.L. Beck, and T. Başar. On the analysis of a continuous-time bi-virus model. Proc. 55th IEEE Conference on Decision and Control (CDC'16, Dec 12-14, 2016; Las Vegas, Nevada), pp. 290-295. S.R. Etesami, S. Bolouki, A. Nedich, and T. Başar. Conformity versus manipulation in reputation systems. Proc. 55th IEEE Conference on Decision and Control (CDC'16, Dec 12-14, 2016; Las Vegas, Nevada), pp. 4451-4456. Z. Gao, X. Chen, J. Liu, and T. Başar. Periodic behavior of a diffusion model over directed graphs. Proc. 55th IEEE Conference on Decision and Control (CDC'16, Dec 12-14, 2016; Las Vegas, Nevada), pp. 37-42. M.A. Belabbas, X. Chen, and T. Başar. Controlling a rigid formation from a triangle. Proc. 55th IEEE Conference on Decision and Control (CDC'16, Dec 12-14, 2016; Las Vegas, Nevada), pp. 57-62. W. Chen, J. Liu, Y. Chen, S.Z. Khong, D. Wang, T. Başar, L. Qiu, and K.H. Johansson. Characterizing the positive semidefiniteness of weighted Laplacians via generalized effective resistances. Proc. 55th IEEE Conference on Decision and Control (CDC'16, Dec 12-14, 2016; Las Vegas, Nevada), pp. 985-990. J. Liu, M. El Chamie, T. Başar, and B. Acikmese. The discrete-time Altafini model of opinion dynamics with communication delays and quantization. Proc. 55th IEEE Conference on Decision and Control (CDC'16, Dec 12-14, 2016; Las Vegas, Nevada), pp. 3572-3577. M. El Chamie, J. Liu, T. Başar, and B. Acikmese. Distributed averaging with quantized communication over dynamic graphs. Proc. 55th IEEE Conference on Decision and Control (CDC'16, Dec 12-14, 2016; Las Vegas, Nevada), pp. 4827-4832. J. Moon and T. Başar. Discrete-time mean field Stackelberg games with a large number of followers. Proc. 55th IEEE Conference on Decision and Control (CDC'16, Dec 12-14, 2016; Las Vegas, Nevada), pp. 3578-3583. X. Gao, E. Akyol, and T. Başar. On remote estimation with communication scheduling and power allocation. Proc. 55th IEEE Conference on Decision and Control (CDC'16, Dec 12-14, 2016; Las Vegas, Nevada), pp. 5900-5905. M.O. Sayin, E. Akyol, and T. Başar. Strategic control of a tracking system. Proc. 55th IEEE Conference on Decision and Control (CDC'16, Dec 12-14, 2016; Las Vegas, Nevada), pp. 6147-6153. J. Liu, T. Başar, and A. Nedich. Input-output stability of linear consensus processes Proc. 55th IEEE Conference on Decision and Control (CDC'16, Dec 12-14, 2016; Las Vegas, Nevada), pp. 6978-6983. E. Akyol, C. Langbort, and T. Başar. Price of transparency in Machine Learning (FAT ML 2016, November 18, 2016; New York University, NY). X. Gao, E. Akyol, and T. Başar. Joint optimization of communication scheduling and online power allocation in remote estimation. Proc. 50th Asilomar Conference on Signals, Systems and Computers (Asilomar'16, November 6-9, 2016; Pacific Grove, CA). E. Akyol, C. Langbort, and T. Başar. Strategic communication in multi-agent systems. Proc. 50th Asilomar Conference on Signals, Systems and Computers (Asilomar'16, November 6-9, 2016; Pacific Grove, CA). M.A. Noureddine, A. Fawaz, W.R. Sanders, and T. Başar A game-theoretic approach to respond to attacker lateral movement. Proc. GameSec 2016 (7th International Conference on Decision and Game Theory for Security), November 2-4, 2016; NYU, New York, New York (Springer LNCS 9996, Q. Zhu, T. Alpcan, E. Panaousis, M. Tambe, and W. Casey, Eds.), pp. 294-313. M.K. Mihcak, E. Akyol, T. Başar, and C. Langbort. Scalar quadratic-Gaussian soft watermarking games. Proc. GameSec 2016 (7th International Conference on Decision and Game Theory for Security), November 2-4, 2016; NYU, New York, New York (Springer LNCS 9996, Q. Zhu, T. Alpcan, E. Panaousis, M. Tambe, and W. Casey, Eds.), pp. 215-234. M.O. Sayin, E. Akyol, and T. Başar. On the structure of equilibrium strategies in dynamic Gaussian signaling games. Proc. 2016 IEEE Multi--Conference on Systems and Control (MSC 2016), Buenos Aires, Argentina, September 19-22, 2016, pp. 749-754. X. Gao, J. Liu, and T. Başar. Stochastic communication-efficient distributed algorithms for solving linear algebraic equations. Proc. 2016, pp. 380-385. W. Chen, D. Wang, J. Liu, T. Başar, K.H. Johansson, and L. Qiu. On semidefiniteness of weighted Laplacians with application to microgrids. Proc. 6th IFAC Workshop on Distributed Estimation and Control in Networked Systems (NecSys'16), Tokyo, Japan, September 8-9, 2016. J. Liu and T. Başar. Nash and Stackelberg games for epidemic networks with multiple viruses. 17th International Symposium on Dynamic Games and Applications (ISDGA 2016), Urbino, Italy, July 13-15, 2016 (abstract). X. Chen, M.A. Belabbas, and T. Başar. Cluster consensus over strongly connected voltage graphs. Proc. 22nd International Symposium on Mathematical Theory of Networks and Systems (MTNS 2016), Minneapolis, MN, July 12-15, 2016, pp. 98-105. J. Liu and T. Başar. Input-output stability of linear discrete-time consensus processes. Proc. 22nd International Symposium on Mathematical Theory of Networks and T. Başar. Products of doubly stochastic matrices. Proc. 22nd International Symposium on Mathematical Theory of Networks and T. Başar. Products of doubly stochastic matrices. Proc. 22nd International Symposium on Mathematical Theory of Networks and T. Başar. Products of doubly stochastic matrices. Proc. 22nd International Symposium on Mathematical Theory of Networks and T. Başar. Products of doubly stochastic matrices. Proc. 22nd International Symposium on Mathematical Theory of Networks and Systems (MTNS 2016), pp. 236-238. W. Xia, J. Liu, M. Cao, K.H. Johansson, and T. Başar. Products of doubly stochastic matrices. Proc. 22nd International Symposium on Mathematical Theory of Networks and Systems (MTNS 2016), pp. 236-238. W. Xia, J. Liu, M. Cao, K.H. Johansson, and T. Başar. Products of doubly stochastic matrices. Proc. 22nd International Symposium on Mathematical Theory of Networks and Systems (MTNS 2016), pp. 236-238. W. Xia, J. Liu, M. Cao, K.H. Johansson, and T. Başar. Products of doubly stochastic matrices. Proc. 22nd International Symposium on Mathematical Theory of Networks and Systems (MTNS 2016), pp. 236-238. W. Xia, J. Liu, M. Cao, K.H. Johansson, and T. Başar. Products of doubly stochastic matrices. Proc. 22nd International Symposium on Mathematical Theory of Networks and Systems (MTNS 2016), pp. 236-238. W. Xia, J. Liu, M. Cao, K.H. Johansson, and T. Başar. Products of doubly stochastic matrices. Proc. 22nd International Symposium on Mathematical Theory of Networks and Systems (MTNS 2016), pp. 236-238. W. Xia, J. Liu, M. Cao, K.H. Johansson, and T. Başar. Products of doubly stochastic matrices. Proc. 22nd International Symposium on Mathematical Theory of Networks (MTNS 2016), pp. 236-238. W. Xia, J. Liu, M. Cao, K.H. Johansson, and T. Başar. Products of Networks (MTNS 2016), pp. 236-238. W. Xia, J. Liu, M. Cao, K.H. Johansson, and T. Başar. Products of Networks (MTNS 2016) Theory of Networks and Systems (MTNS 2016), Minneapolis, MN, July 12-15, 2016, pp. 239-241. E. Akyol, C. Langbort, and T. Başar. On the role of side information Theory (ISIT'16, July 11-15, 2016; Barcelona, Spain), pp. 1626-1630. X. Gao, E. Akyol, and T. Başar. On remote estimation with multiple communication channels. Proc. 2016 American Control Conference (ACC 2016), Boston, MA, July 6-8, 2016, pp. 5425-5430. J. Liu, X. Chen, T. Başar, and A. Nedich. A continuous-time distributed algorithm for solving linear equations. Proc. 2016 American Control Conference (ACC 2016), Boston, MA, July 6-8, 2016, pp. 5551-5556. J. Liu, X. Chen, and T. Başar. Stability of the continuous-time Altafini model. Proc. 2016 American Control Conference (ACC 2016), Boston, MA, July 6-8, 2016, pp. 1930-1935. W. Xia, J. Liu, K.H. Johansson, and T. Başar. Convergence rate of the modified DeGroot-Friedkin model with doubly stochastic relative interaction matrices. Proc. 2016 American Control Conference (ACC 2016), Boston, MA, July 6-8, 2016, pp. 1054-1059. S. Bolouki, A. Nedich, and T. Başar. On the steady-state range of averaging dynamics. Proc. 2016 American Control Conference (ACC 2016), Boston, MA, July 6-8, 2016, pp. 6447-6452. S.R. Etesami, A. Nedich, and T. Başar. Generalization of accelerated successive projection method for convex sets intersection problems. Proc. 2016 American Control Conference (ACC 2016), Boston, MA, July 6-8, 2016, pp. 4422-4427. Q. Ma, J. Huang, T. Başar, J. Liu, and X. Chen . Pricing for sharing economy with reputation. Proc. 11th Workshop on the Economics of Networks, Systems, and Computation (NetEcon 2016), Juan-les-Pins, France, June 14, 2016. 2015 S.R. Etesami and T. Başar. An approximation algorithm and price of anarchy for the binary-preference capacitated selfish replication game. Proc. 54th IEEE Conference on Decision and Control (CDC'15, Dec 15-18, 2015; Osaka, Japan), pp. 3621-3626. X. Chen, J. Liu, Z. Xu, and T. Başar. Distributed evaluation and convergence of self-appraisals in social networks. Proc. 54th IEEE Conference on Decision and Control (CDC'15, Dec 15-18, 2015; Osaka, Japan), pp. 2895-2900. X. Chen, M.A. Belabbas, and T. Başar. Formation control with triangulated Laman graphs. Proc. 54th IEEE Conference on Decision and Control (CDC'15, Dec 15-18, 2015; Osaka, Japan), pp. 4115-4120. X. Chen, M.A. Belabbas, and T. Başar. Controllability of formations over directed graphs. Proc. 54th IEEE Conference on Decision and Control (CDC'15, Dec 15-18, 2015; Osaka, Japan), pp. 4764-4769. J. Liu, X. Chen, T. Başar, and M.A. Belabbas. Stability and convergence rate of discrete-time Altafini's Model: A graphical approach. Proc. 54th IEEE Conference on Decision and Control (CDC'15, Dec 15-18, 2015; Osaka, Japan), pp. 2847-2852. W. Xia, J. Liu, M. Cao, K.H. Johansson, and T. Başar. Products of generalized stochastic Sarymsakov matrices. Proc. 54th IEEE Conference on Decision and Control (CDC'15, Dec 15-18, 2015; Osaka, Japan), pp. 3568-3573. K. Alshehri, J. Liu, X. Chen, and T. Başar. A Stackelberg game for multi-period demand response management in the smart grid. Proc. 54th IEEE Conference on Decision and Control (CDC'15, Dec 15-18, 2015; Osaka, Japan), pp. 5889-5894. X. Gao, D. Liberzon, J. Liu, and T. Başar. Connections between stability conditions for slowly time-varying and switched linear systems. Proc. 54th IEEE Conference on Decision and Control (CDC'15, Dec 15-18, 2015; Osaka, Japan), pp. 2329-2334. X. Gao, E. Akyol, and T. Başar. Optimal estimation with limited measurements and noisy communication. Proc. 54th IEEE Conference on Decision and Control (CDC'15, Dec 15-18, 2015; Osaka, Japan), pp. 4511-4516. J. Moon and T. Başar. Linear-quadratic stochastic differential Stackelberg games with a high population of followers. Proc. 54th IEEE Conference on Decision and T. Başar. Strategic compression and transmission of information. Proc. Information Theory Workshop (ITW'15), Jeju Island, Korea, Oct 11-15, 2015. T. Başar. An introduction to static and dynamic game theory with applications. Proc. 14th European Control Conference (ECC 2015), Linz, Austria, July 15-17, 2015(Paper FrA3.1, abstract; invited lead paper to session FrA3, Game Theoretical System Modeling and Control: Theory and Applications). A. Khanafer, W. Saad, and T. Başar. Context-aware wireless small cell networks: how to exploit user information for resource allocation. Proc. 2015 IEEE International Conference on Communications (IEEE Internation for resource allocation. Proc. 2015 IEEE International Conference on Communications (IEEE International Conference) and Wireless Networking Symposium, June 2015; London, England. D. Bauso and T. Başar. Robust mean-field games to model emulation in opinion dynamics. 2015 SIAM Conference on Control and Its Applications (CT15), Paris, France, July 8-10, 2015 (abstract). Z. Xu, A. Khanafer, and T. Başar. Competition over epidemic networks: Nash and Stackelberg games. Proc. 2015 American Control Conference (ACC 2015), Chicago, IL, July 1-3, 2015, pp. 2063-2068. X. Gao, E. Akyol, and T. Başar. Optimal sensor scheduling and remote estimation over an additive noise channel. Proc. 2015 American Control Conference (ACC 2015), Chicago, IL, July 1-3, 2015, pp. 2723-2728. Z. Xu, J. Liu, and T. Başar. On a modified DeGroot-Friedkin model of opinion dynamics. Proc. 2015 American Control Conference (ACC 2015), Chicago, IL, July 1-3, 2015, pp. 2723-2728. Z. Xu, J. Liu, and T. Başar. On a modified DeGroot-Friedkin model of opinion dynamics. Proc. 2015 American Control Conference (ACC 2015), Chicago, IL, July 1-3, 2015, pp. 2723-2728. Z. Xu, J. Liu, and T. Başar. On a modified DeGroot-Friedkin model of opinion dynamics. 2015, pp. 1047-1052. J. Moon and T. Başar. Discrete-time decentralized control using risk-sensitive performance criterion in the large population regime: A mean field approach. Proc. 2015, pp. 4779-4784. A. Khanafer, W. Saad, and T. Başar. Context-aware wireless small cell networks: how to exploit user information for resource allocation. Proc. 2015 IEEE International Conference on Communications -- Mobile and Wireless Networking Symposium (ICC'15(03)MWN, June 8-12, 2015; London, UK). 2014 K. Nar and T. Başar. Sampling multidimensional Wiener Processes. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 3426-3431. J. Liu, A. Nedich, and T. Başar. Complex constrained consensus. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 1464-1469. A. Khanafer, T. Başar, and D. Liberzon. Distributed linear supervisory control. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 1458-1463. J. Moon and T. Başar. Discrete-time LQG mean field games with unreliable communication. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 2697-2702. J. Liu, A.S. Morse, A. Nedich, and T. Başar. Stability of a distributed algorithm for solving linear algebraic equations. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 3707-3712. A. Gupta and T. Başar. Dynamic incentive design in multi-stage linear-Gaussian games with asymmetric information: a common information based approach. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 414-419. A. Gupta, S. Yüksel , and T. Başar. On the existence of optimal strategies in a class of dynamic stochastic teams. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 1681-1686. M. El Chamie, J. Liu, and T. Başar. Design and analysis of distributed averaging with quantized communication. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 3860-3865. M. El Chamie and T. Başar. Optimal strategies for dynamic weight selection in consensus protocols in the presence of an adversary. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 735-740. A. Khanafer, T. Başar, and B. Gharesifard. Stability properties of infection diffusion dynamics over directed networks. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 6215-6220. T. Başar, S.R. Etesami, and A. Olshevsky. Fast convergence of quantized consensus using Metropolis chains. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 1458-1463. J. Liu, A.S. Morse, A. Nedich, and T. Başar. Internal stability of linear consensus processes. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 922-927. D. Bauso and T. Başar. Opinion dynamics in coalitional games with transferable utilities. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 2094-2099. J. Moon and T. Başar. Linear-quadratic risk-sensitive mean field games. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 2094-2099. J. Moon and T. Başar. Linear-quadratic risk-sensitive mean field games. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 2094-2099. J. Moon and T. Başar. Linear-quadratic risk-sensitive mean field games. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 2094-2099. J. Moon and T. Başar. Linear-quadratic risk-sensitive mean field games. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 2094-2099. J. Moon and T. Başar. Linear-quadratic risk-sensitive mean field games. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 2094-2099. J. Moon and T. Başar. Linear-quadratic risk-sensitive mean field games. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 2094-2099. J. Moon and T. Başar. Linear-quadratic risk-sensitive mean field games. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 2094-2099. J. Moon and T. Başar. Linear-quadratic risk-sensitive mean field games. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 2094-2099. J. Moon and T. Başar. Linear-quadratic risk-sensitive mean field games. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 2094-2099. J. Moon and T. Başar. Linear-quadratic risk-sensitive mean field games. Proc. 53rd IEEE Conference on Decision and Control (CDC'14, Dec 15-17, 2014; Los Angeles, CA), pp. 2094-2099. J. Moon and T Dec 15-17, 2014; Los Angeles, CA), pp. 2691-2696. A. Houjeij, W. Saad, and T. Başar. Optimal deployment of wireless small cell base stations with security considerations. Proc. 2014 IEEE Global Communications Conference (IEEE GlobeCom 2014, December 8-12, 2014; Austin, Texas). A. Gupta, T. Başar, and G. Schwartz. A three-stage Colonel Blotto game: when to provide more information to an adversary. Proc. GameSec 2014 (5th International Conference on Decision and Game Theory for Security), November 6-7, 2014; ISI/USC, Los Angeles, California (Springer LNCS 8840, R. Poovendran and W. Saad, Eds), pp. 216-233. S. Bhattacharya, T. Başar, and M. Falcone. Surveillance for security as a pursuit-evasion game. Proc. GameSec 2014 (5th International Conference on Decision and Game Theory for Security), November 6-7, 2014; ISI/USC, Los Angeles, California (Springer LNCS 8840, R. Poovendran and W. Saad, Eds), pp. 370-379. J. Liu and T. Başar. Toward optimal network topology design for fast and secure distributed computation. Proc. GameSec 2014 (5th International Conference on Decision and Game Theory for Security), November 6-7, 2014; ISI/USC, Los Angeles, California (Springer LNCS 8840, R. Poovendran and W. Saad, Eds), pp. 234-245. A. Khanafer and T. Başar. On the optimal control of virus spread in networks. Proc. International Conference on Network Games, Control and Optimization (NetGCOOP 2014, Oct 29-31, 2014; Trento, Italy), pp. 166-172. J. Liu, X. Gao, and T. Başar. Communication-efficient distributed algorithm for solving linear algebraic equations. Proc. International Conference on Network Games, Control and Optimization (NetGCOOP 2014, Oct 29-31, 2014; Trento, Italy), pp. 62-69. B. Gharesifard, T Başar, and A. Dominguez-Garcia. Designing pricing strategies for coordination of networked distributed energy resources. Proc. 19th IFAC World Congress (IFAC 2014), Cape Town South Africa, August 25-29, 2014 . J. Moon and T. Başar. Minimax control of MIMO systems over multiple TCP-like lossy networks. Proc. 19th IFAC World Congress (IFAC 2014), Cape Town South Africa, August 25-29, 2014 . J. Moon and T. Başar. Minimax control of MIMO systems over multiple TCP-like lossy networks. Proc. 19th IFAC World Congress (IFAC 2014), Cape Town South Africa, August 25-29, 2014 . J. Moon and T. Başar. Minimax control of MIMO systems over multiple TCP-like lossy networks. Proc. 19th IFAC World Congress (IFAC 2014), Cape Town South Africa, August 25-29, 2014 . J. Moon and T. Başar. Minimax control of MIMO systems over multiple TCP-like lossy networks. Proc. 19th IFAC World Congress (IFAC 2014), Cape Town South Africa, August 25-29, 2014 . J. Moon and T. Başar. Minimax control of MIMO systems over multiple TCP-like lossy networks. Proc. 19th IFAC World Congress (IFAC 2014), Cape Town South Africa, August 25-29, 2014 . J. Moon and T. Başar. Minimax control of MIMO systems over multiple TCP-like lossy networks. Proc. 19th IFAC World Congress (IFAC 2014), Cape Town South Africa, August 25-29, 2014 . J. Moon and T. Başar. Minimax control of MIMO systems over multiple TCP-like lossy networks. Proc. 19th IFAC World Congress (IFAC 2014), Cape Town South Africa, August 25-29, 2014 . J. Moon and T. Başar. Minimax control of MIMO systems over multiple TCP-like lossy networks. Proc. 19th IFAC World Congress (IFAC 2014), Cape Town South Africa, August 25-29, 2014 . J. Moon and T. Başar. Minimax control of MIMO systems over multiple TCP-like lossy networks. Proc. 19th IFAC World Congress (IFAC 2014), Cape Town South Africa, August 25-29, 2014 . J. Moon and T. Başar. Minimax control of MIMO systems over multiple to the system over 2014), Cape Town South Africa, August 25-29, 2014. A. Khanafer and T. Başar. Optimum strategies for task achievement in networked multi-agent systems in the presence of an adversary. 16th International Symposium on Dynamic Games and Applications (ISDGA 2014), Amsterdam, Netherlands, July 9-12, 2014 (abstract). S. Bhattacharya, T. Başar, N. Hovakimyan, and M. Falcone. A differential game-theoretic approach to the visibility target-tracking game. 16th International Symposium on Dynamic Games and Applications (ISDGA 2014), Amsterdam, Netherlands, July 9-12, 2014 (abstract). M. El-Chamie and T. Başar. Optimal strategies for dynamic weight selection in consensus protocols in the presence of an adversary. 16th International Symposium on Dynamic Games and Applications (ISDGA 2014), Amsterdam, Netherlands, July 9-12, 2014 (abstract). S. Bhattacharya, T. Başar, and N. Hovakimyan. On the construction of barrier in a visibility based pursuit-evasion game. Proc. 13th European Control Conference (ECC 2014), Strasbourg, France, June 25-27, 2014, pp. 1894-1901. A. Gupta, G. Schwartz C. Langbort, S. Sastry, and T. Başar. A three-stage Colonel Blotto game with applications to cyberphysical security Proc. 2014, pp. 3832-3837. A. Gupta, S. Yüksel, C. Langbort, and T. Başar. On the existence of optimal strategies in multi-agent stochastic teams. Proc. 2014 American Control Conference (ACC 2014), Portland, OR, June 4-6, 2014, pp. 1945- 1950. S. Bhattacharya, G. Warnell, R. Chellappa, and T. Başar. Vision guided feedback control of a mobile robot with compressive measurements and side information.. Proc. 2014 American Control Conference (ACC 2014), Portland, OR, June 4-6, 2014, pp. 97-102. A. Khanafer, T. Başar, and B. Gharesifard. Stability properties of infected networks with low curing rates. Proc. 2014, pp. 3591-3596. J. Moon and T. Başar. Control over lossy networks: a dynamic game approach. Proc. 2014 American Control Conference (ACC 2014), Portland, OR, June 4-6, 2014, pp. 5379-5384. S.R. Etesami and T. Başar. Complexity of equilibrium in diffusion games on social networks. Proc. 2014, pp. 2077-2082. D. Bauso and T. Başar. Mean-field interactions among robust dynamic coalitional games with transferable utilities. Proc. 6th International Symposium on Communications, Control, and Signal Processing (ISCCSP 2014), Athens, Greece, May 21-23, 2014, pp. 528-531. A. Khanafer and T. Başar. An optimal control problem over infected networks. Proc. International Conference of Control, Dynamic Systems and Robotics (CDSR14), Ottawa, Ontario, Canada, May 15-16, 2014. A. Khanafer and T. Başar, Information spread in networks: control, games, and equilibria. Proc. Information Theory and Applications Workshop (ITA'14), San Diego, California, Feb 10-14, 2014;., 2013 Q. Zhu, A. Clark, R. Poovendran, and T. Başar. Deployment and exploitation of deceptive honeybots in social networks. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 212-219. K. Nar, S. Bhattacharya and T. Başar. Opportunistic sensor activation in the face of data deluge. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 4790-4795. S.R. Etesami and T. Başar. Convergence time for unbiased quantized consensus. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 6190-6195. A. Khanafer, B. Touri, and T. Başar. Robust distributed averaging on networks with adversarial intervention. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 6190-6195. A. Khanafer, B. Touri, and T. Başar. Robust distributed averaging on networks with adversarial intervention. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 6190-6195. A. Khanafer, B. Touri, and T. Başar. Robust distributed averaging on networks with adversarial intervention. Dec 10-13, 2013; Florence, Italy), pp. 7131-7136. B. Gharesifard, B. Touri, T. Başar, and C. Langbort. Distributed optimization by myopic strategic interactions and the price of heterogeneity. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 1174-1179. H. Tembine, D. Bauso, and T. Başar. Robust linear quadratic mean-field games in crowd-seeking social networks. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 3134-3139. J. Moon and T. Başar. Estimation over lossy networks: a dynamic game approach. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 3134-3139. J. Moon and T. Başar. Estimation over lossy networks: a dynamic game approach. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 3134-3139. J. Moon and T. Başar. Estimation over lossy networks: a dynamic game approach. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 3134-3139. J. Moon and T. Başar. Estimation over lossy networks: a dynamic game approach. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 3134-3139. J. Moon and T. Başar. Estimation over lossy networks: a dynamic game approach. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 3134-3139. J. Moon and T. Başar. Estimation over lossy networks: a dynamic game approach. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 3134-3139. J. Moon and T. Başar. Estimation over lossy networks: a dynamic game approach. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 3134-3139. J. Moon and T. Başar. Estimation over lossy networks: a dynamic game approach. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 3134-3139. J. Moon and T. Başar. Estimation over lossy networks: a dynamic game approach. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 3134-3139. J. Moon and T. Başar. Estimation over lossy networks: a dynamic game approach. Proc. 52nd IEEE Conference on Decision approach. Proc. 52nd IEEE Conference on Decision approac pp. 2412-2417. E. Akyol, K. Rose, and T. Başar. On optimal jamming over an additive noise channel. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 3079-3084. J. C.L. Pinto, T. Chahed, E. Altman, and T. Başar. Dissemination and competition between contents in lossy susceptible infected suscepti (SIS) networks. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 7546-7551. H. Sun, N. Hovakimyan, and T. Başar. Multi-input multi-output quantized systems using L-1 adaptive control. Proc. 52nd IEEE Conference on Decision and Control (CDC'13, Dec 10-13, 2013; Florence, Italy), pp. 7546-7551. H. Sun, Z. Li, N. Hovakimyan, and T. Başar. Performance prediction of L-1 adaptive control in linear stochastic systems. Proc. 52nd IEEE Conference, Italy), pp. 606-611. A. Houjeij, W. Saad, and T. Başar. Evading eavesdroppers in adversarial cognitive radio networks. Proc. 2014 IEEE Global Communications Conference (GLOBECOM 2013), Communication and Information Security Symposium, Atlanta, Georgia, December 2013. Q. Zhu and T. Başar. Feedback-driven multi-stage moving target defense. Proc. GameSec 2013 (Conference on Decision and Game Theory for Security), November 11-12, 2013; Fort Worth, Texas. E. Akyol, K. Rose, and T. Başar. On communication over Gaussian sensor networks with adversarial nodes: further results. Proc. GameSec 2013 (Conference on Decision and Game Theory for Security), November 11-12, 2013; Fort Worth, Texas. Y. Yuan, Q. Zhu, F. Sun, Q. Wang, and T. Başar. Resilient control of cyber-physical systems against denial-of-service attacks. Proc. 6th International Symposium on Resilient Control Systems (ISRCS 2013), San Francisco, California, August 13-15, 2013. E. Akyol, K. Rose, and T. Başar. Toward a theory of multi-resolution games. 2013 SIAM Conference on Control and Its Applications (CT13), San Diego, California, July 8-10, 2013 (abstract). A. Clark, Q. Zhu, R. Poovendran, and T. Başar. An impact-aware defense against Stuxnet. Proc. 2013 American Control Conference (ACC 2013), Washington, DC, June 17-19, 2013, pp. 4146-4153. B. Gharesifard, T. Başar, and A. Dominguez-Garcia. Price-based distributed control for networked plug-in electric vehicles. Proc. 2013 American Control over TCP-like lossy networks: a dynamic game approach. Proc. 2013 American Control over TCP-like lossy networks: a dynamic game approach. Proc. 2013 American Control over TCP-like lossy networks: a dynamic game approach. Proc. 2013 American Control over TCP-like lossy networks: a dynamic game approach. Proc. 2013 American Control over TCP-like lossy networks: a dynamic game approach. Proc. 2013 American Control over TCP-like lossy networks: a dynamic game approach. Proc. 2013 American Control over TCP-like lossy networks: a dynamic game approach. Conference (ACC 2013), Washington, DC, June 17-19, 2013, pp. 1581-1586. S.R. Etesami, T. Başar, A. Nedich, and B. Touri. Termination time of multidimensional Hegselmann-Krause opinion dynamics. Proc. 2013 American Control Conference (ACC 2013), Washington, DC, June 17-19, 2013, pp. 1257-1262. A. Houjeij, W. Saad, and T. Başar. A gametheoretic view on the physical layer security of cognitive radio networks. Proc. 2013 IEEE International Conference on Communications (ICC 2013), Budapest, Hungary, June 9-13, 2013 . Q. Zhu, L. Bushnell, and T. Başar. Resilient distributed control of multi-agent cyber-physical systems. Proc. 2013 Workshop on Control of Cyber-Physical Systems, Johns Hopkins University, Baltimore, Pennsylvania, March 20-21, 2013. Q. Zhu, P. Sauer, and T. Başar. Value of demand response in the smart grid. Proc. Power and Energy Conference (PECI 2013), I-Hotel, Champaign, IL, February 22-23, 2013. 2012 P. Frihauf, M. Krstic, and T. Başar. Finite-horizon LQ control for unknown discrete-time systems via extremum seeking. Proc. 51st IEEE Conference on Decision and Control (CDC'12, Dec 10-13, 2012; Maui, Hawaii), pp. 5717-5722. B. Touri, T. Başar, and A. Nedich. On averaging dynamics in general state spaces. Proc. 51st IEEE Conference on Decision and Control (CDC'12, Dec 10-13, 2012; Maui, Hawaii), pp. 62-67. A. Nayyar and T. Başar. Dynamic stochastic games with asymmetric information. Proc. 51st IEEE Conference on Decision and Control (CDC'12, Dec 10-13, 2012; Maui, Hawaii), pp. 7145-7150. A. Nayyar, T. Başar, D. Teneketzis, and V. V. Veeravalli. Communication scheduling and remote estimation with energy harvesting sensor. Proc. 51st IEEE Conference on Decision and Control (CDC'12, Dec 10-13, 2012; Maui, Hawaii), pp. 843-848. A. Gupta, A. Nayyar, C. Langbort, and T. Başar. A dynamic transmitter-jammer game with asymmetric information. Proc. 51st IEEE Conference on Decision and Control (CDC'12, Dec 10-13, 2012; Maui, Hawaii), pp. 6477-6482. Q. Zhu, L. Bushnell, and T. Başar. Game-theoretic analysis of node capture and cloning attack with multiple attackers in wireless sensor networks. Proc. 51st IEEE Conference on Decision and Control (CDC'12, Dec 10-13, 2012; Maui, Hawaii), pp. 2704-2711. Q. Zhu, A. Clark, R. Poovendran, and T. Başar. Deceptive routing games. Proc. 51st IEEE Conference on Decision and Control (CDC'12, Dec 10-13, 2012; Maui, Hawaii), pp. 2704-2711. S. Bhattacharya and T. Başar. Multi-layer hierarchical approach to double sided jamming games among teams of mobile agents. Proc. 51st IEEE Conference on Decision and Control (CDC'12, Dec 10-13, 2012; Maui, Hawaii), pp. 5774-5779. A. Clark, Q. Zhu, R. Poovendran, and T. Başar. Deceptive routing in relay networks. Proc. GameSec 2012 (Conference on Decision and Game Theory for Security), November 14-15, 2012; University of Maryland, College Park, Maryland, College Park, Maryland). Q. Zhu, A. Clark, R. Poovendran, and T. Başar. SODEXO: A system framework for deployment and exploitation of deceptive honeybots in social networks. Proc. Interdisciplinary Workshop on Information and Decisions in Social network for deployment and exploitation of deceptive honeybots in social networks. Networks (WIDS), MIT, Cambridge, MA, November 5-6, 2012 (abstract appeared). A. Khanafer, B. Touri, and T. Başar. Large networks of information and Decisions in Social Networks (WIDS), MIT, Cambridge, MA, November 5-6, 2012 (abstract appeared). D. Bauso and T. Başar. Large networks of dynamic agents: Consensus under adversarial disturbances. Proc. 46th Asilomar Conference on Signals, Systems and Computers, Pacific Grove, CA, Nov 4-7, 2012, pp. 714-718. S. Bhattacharya, T. Başar, and N. Hovakimyan. Game-theoretic analysis of a visibility based pursuit-evasion game in the presence of a circular obstacle. Proc. 10th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM 2012, Sept 19-25, 2012; Kos, Greece). B. Gharesifard and T. Başar. Resilience in consensus dynamics via competitive interconnections. Proc. 3rd IFAC Workshop on Estimation and Control of Networked Systems (NecSys'12), Santa Barbara, CA, Sept 14-15, 2012 [pdf] A. Khanafer, B. Touri, and T. Başar. Consensus in the presence of an adversary. Proc. 3rd IFAC Workshop on Estimation and Control of Networked Systems (NecSys'12), Santa Barbara, CA, Sept 14-15, 2012 [pdf] C. Rieger, Q. Zhu, and T. Başar. Agent-based cyber control strategy design for resilient control systems: Concepts, architecture and methodologies. Proc. 5th International Symposium on Resilient Control Systems (ISRCS 2012), Salt Lake City, Utah, August 14-16, 2012. Q. Zhu and T. Başar. Multi-layer and multi-resolution hybrid stochastic differential games in the large population regime and their equilibria. Games 2012 (2012 World Congress of the Game Theory Society), Istanbul, Turkey, July 22-26, 2012. Q. Zhu and T. Başar. Multi-layer and multi-resolution large population stochastic games . 2012 SIAM Annual Meeting, Minneapolis, Minneapol Quebec, Canada June 27-29, 2012, pp. 2663-2668. Q. Zhu, J. Zhang, P. Sauer, A. Dominguez-Garcia, and T. Başar. A game-theoretic framework for distributed generation of renewable energies in smart grids. Proc. 2012 American Control Conference (ACC 2012), Montreal, Quebec, Canada June 27-29, 2012, pp. 3623-3628. H. Tembine, D. Bauso, and T. Başar. Robust mean field games with application to production of an exhaustible resource. Proc. 7th IFAC Symposium on Robust Control Design (ROCOND'12), Aalborg, Denmark, June 20-22, 2012, 45(13):454-459. A. Khanafer, W. Saad, T. Başar, and M. Debbah. Competition in femtocell networks: strategic access policies in the uplink. Proc. IEEE International Conf. Communications (ICC 2012) - Wireless Networks Symposium ('ICC'12 WN'), Ottawa, Canada, June 10-15, 2012. Q. Zhu, Z. Han, and T. Başar. A differential game approach to distributed demand side management in smart grid. Proc. IEEE International Conf. Communications (ICC 2012) - Selected Areas in Communications Symposium ('ICC'12 SAC'), Ottawa, Canada, June 10-15, 2012. H. Sun, Z. Li, N. Hovakimyan, T. Başar, and G. Downton. L1 adaptive control for directional drilling systems. Proc. 2012 IFAC Workshop on Automatic Control in Offshore Oil and Gas Production, Norwegian University of Science and Technology, Trondheim, Norway, May 31 - June 1, 2012. H. Tembine, D. Bauso, and T. Başar. Robust mean field games with application to production of an exhaustible resource. 12th Viennese Workshop on Optimal Control, Dynamic game-theoretic approach to resilient control system design for cascading failures. Proc. First Conference on High Confidence Networked Systems (HiCoNS'12), CPSWeek 2012, Beijing, China, April 16, 2012. A. Gupta, P. Grover, C. Langbort, and T. Başar. On myopic strategies in dynamic adversarial team decision problems. Proc. 46th Annual Conference on Information Sciences and Systems (CISS'12, March 21-23, 2012; Princeton, NJ). A. Nayyar, T. Başar, D. Teneketzis, and V. V. Veeravalli. Communication scheduling and remote estimation with energy harvesting sensor. Information Theory and Applications Workshop (ITA'12, Feb 6-10, 2012; San Diego, California), (abstract). D. Kumar, E. Altman, and T. Başar. Exploring Wiener filter estimation of node population in a sensor network with generally distributed node lifetimes. Proc. 9th Annual Conf. Wireless On-demand Network Systems and Services (IEEE WONS 2012), Courmayeur, Italy, January 9-11, 2012. 2011 Q. Zhu, H. Tembine, and T. Başar. Hybrid risk-sensitive mean-field stochastic differential games with application to molecular biology. Proc. 50th IEEE Conference on Decision

and Control and European Control Conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and T. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and T. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and T. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and T. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and T. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and T. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and T. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and T. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and T. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and T. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and C. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and C. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and C. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and C. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4491-4097. A. Gupta, C. Langbort, and C. Başar. One-stage control conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. Florida), pp. 4072-4078. Q. Zhu, C. Fung, R. Boutaba, and T. Başar. A game-theoretic approach to rule sharing mechanisms in networked intrusion detection systems: Robustness, incentives and security. Proc. 50th IEEE Conference on Decision and Control and European Control Conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 243-250. S. Bhattacharya, T. Başar, and N. Hovakimyan. Singular surfaces in multi-agent connectivity maintenance games. Proc. 50th IEEE Conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 261-267. Q. Zhu and T. Başar. Toward robust and resilient control design for cyber-physical systems with an application to power systems. Proc. 50th IEEE Conference on Decision and Control and European Control Conference (CDC/ECC'11, Dec 12-15, 2011; Orlando, Florida), pp. 4066-4072. Q. Zhu, J.B. Song, and T. Başar. Dynamic secure routing game in distributed cognitive radio networks. Proc. 2011 IEEE Global Communications Conference (IEEE GlobeCom 2011, December 5-9, 2011; Houston, Texas). Q. Zhu and T. Başar. Indices of power in optimal IDS default configuration: Theory for Security), November 14-15, 2011; University of Maryland, College Park, Maryland). Q. Zhu, W. Saad, Z. Han, H.V. Poor, and T. Başar. Eavesdropping and jamming in next-generation wireless networks: a game-theoretic approach. Proc. 2011 IEEE Military Communications Conference (IEEE MILCOM 2011, November 7-10, 2011; Baltimore, Maryland). C. Fung, Q. Zhu, R. Boutaba, and T. Başar. SMURFEN: A system framework for rule sharing collaborative intrusion detection. Proc. 7th International on Network and Service Management (CNSM 2011, Oct 24-28, 2011; Paris, France). W. Saad, Z. Han, H.V. Poor, and T. Başar. A noncooperative game for double auction-based energy trading between PHEVs and distribution grids. Proc. 2nd IEEE International Conference on Smart Grid Communications (IEEE SmartGridCom, Oct 17-20, 2011; Brussels, Belgium). Q. Zhu and T. Basar. A multi-resolution large population game framework for smart grid demand response management. Proc. International Conference on Network Games, Control and Optimization (NetGCOOP 2011, Oct 12-14, 2011; Paris, France). H. Sun, Z. Li, N. Hovakimyan, T. Basar, and G. Downton. L-1 adaptive controller for a rotary steerable system. Proc. 2011 IEEE Multi-Conference on Systems and Control (MSC 2011), Denver, CO, September 28-30, 2011. S. Bhattacharya, A. Khanafer, and T. Başar. Switching behavior in optimal communication strategies for team jamming games under resource constraints. Proc. 2011 IEEE Multi-Conference on Systems and Control (MSC 2011), Denver, CO, September 28-30, 2011. S. Bhattacharya, A. Khanafer, and T. Başar. Switching behavior in optimal communication strategies for team jamming games under resource constraints. Conference on Systems and Control (MSC 2011), Denver, CO, September 28-30, 2011 . S. Bhattacharya, A. Gupta, and T. Başar. Decentralized opportunistic navigation strategies for multi-agent systems in the presence of an adversary. Proc. 2011 IFAC World Congress, Milan, Italy, August 29 - September 2, 2011, pp. 11809-11814. X. Wang, H. Sun, N. Hovakimyan, and T. Başar. Bounds on transmission rates and performance for quantized networked systems. Proc. 2011 IFAC World Congress, Milan, Italy, August 29 - September 2, 2011 (presented, but not in Proceedings). H. Sun, N. Hovakimyan, and T. Başar. L-1 adaptive controller for uncertain nonlinear multi-input multi-output systems with input quantization. Proc. 2011 IFAC World Congress, Milan, Italy, August 29 - September 2, 2011, pp. 3605-3610. H. Tembine, Q. Zhu, and T. Başar. Risksensitive mean-field stochastic differential games. Proc. 2011 IFAC World Congress, Milan, Italy, August 29 - September 2, 2011, pp. 3222-3227. T. Başar. Multi-agent networked systems: Dynamic optimization and non-classical information. Proc. 3rd International Conf Control and Optimization with Industrial Applications (COIA 2011), Bilkent, Ankara, Turkey, August 22-24, 2011 (abstract appeared). S. Bhattacharya and T. Başar. Decision making among networked mobile agents for secure information flow in an adversarial environment. SIAM Conference on Control and its Applications (SIAM CT11), Baltimore, Maryland, July 25-27, 2011 (abstract appeared). Q. Zhu and T. Başar. Multi-resolution risksensitive large population differential games and its applications to power markets in smart grids. SIAM Conference on Control and its Applications (SIAM CT11), Baltimore, Maryland, July 25-27, 2011 (abstract appeared). T. Başar. Zero-sum stochastic dynamic games with intermittent noisy measurements. SIAM Conference on Control and its Applications (SIAM CT11), Baltimore, Maryland, July 25-27, 2011 (abstract appeared). Q. Zhu, H. Tembine and T. Başar. L-1 adaptive controller for solution to network security. Proc. 2011, San Francisco, CA, June 29 - July 1, 2011, pp. 4057-4062. H. Sun, N. Hovakimyan, and T. Başar. L-1 adaptive controller for solution to network security. Proc. 2011 American Control Conference (ACC 2011), San Francisco, CA, June 29 - July 1, 2011, pp. 4057-4062. H. Sun, N. Hovakimyan, and T. Başar. L-1 adaptive controller for solution to network security. Proc. 2011 American Control Conference (ACC 2011), San Francisco, CA, June 29 - July 1, 2011, pp. 4057-4062. H. Sun, N. Hovakimyan, and T. Başar. L-1 adaptive controller for solution to network security. quantized systems. Proc. 2011 American Control Conference (ACC 2011), San Francisco, CA, June 29 - July 1, 2011, pp. 3704-3709. H. Sun, Q. Zhu, N. Hovakimyan, and T. Başar. L-1 adaptive control for positive LTI systems. Proc. 2011 American Control Conference (ACC 2011), San Francisco, CA, June 29 - July 1, 2011, pp. 13-18. P. Frihauf, M. Krstic, and T. Başar. Nash equilibrium seeking with infinitely-many players. Proc. 2011 American Control Conference (ACC 2011), San Francisco, CA, June 29 - July 1, 2011, pp. 3059-3064. Q. Zhu and T. Başar. A differential games framework for consensus in social networks: From Nash equilibrium to mean-field equilibrium. Proc. Interdisciplinary Workshop on Information and Decision in Social Networks, LIDS, MIT, Cambridge, MA, May 31 - June 1, 2011 (abstract appeared). S. Bhattacharya, A. Khanafer, and T. Başar. Power allocation in team jamming games in wireless ad hoc networks. Proc. 4th International Workshop on Game Theory in Communication Networks (Gamecomm 2011), ENS, Cachan, France, May 16, 2011. A. Khanafer, S. Bhattacharya, and T. Başar. Adaptive resource allocation in jamming teams using game theory. Proc. 7th International Workshop on Resource Allocation and Cooperation in Wireless Networks (RAWNET/WNC3 2011), Princeton, NJ, May 13, 2011. Q. Zhu and T. Başar. Towards a unifying security framework for cyber-physical systems. Proc. Workshop on the Foundations of Dependable and Secure Cyber-Physical Systems (FDSCPS-11), Chicago, IL, April 11, 2011. S. Bhattacharya, A. Khanafer, and T. Başar. Resource allocation problems in networked cyber-physical systems (FDSCPS-11), Chicago, IL, April 11, 2011. Q. Zhu, M. McQueen, C. Rieger, and T. Başar. Management of control system information security: Control system patch management. Proc. Workshop on the Foundations of Dependable and Secure Cyber-Physical Systems (FDSCPS-11), Chicago, IL, April 11, 2011. Q. Zhu and T. Başar. Secure routing in smart grids. Proc. Workshop on the Foundations of Dependable and Secure Cyber-Physical Systems (FDSCPS-11), Chicago, IL, April 11, 2011. Q. Zhu and T. Başar. Secure routing in smart grids. Proc. Workshop on the Foundations of Dependable and Secure Cyber-Physical Systems (FDSCPS-11), Chicago, IL, April 11, 2011. A. Gupta, S. Bhattacharya, and T. Başar. Pursuit-evasion games with decentralized information of UAVs in the presence of a jammer . Proc. Infotech and Aerospace Conference (March 29-31, 2011; St. Louis, Missouri). T. Başar. Risk-sensitive differential games with a large population of players. ITA (Information Theory and Applications) Workshop, San Diego, California, February 7-11, 2011. 2010 T. Khirwadkar, K. C. Nguyen, D.M. Nicol, and T. Başar. Methodologies for evaluating game theoretic defense against DDOS attacks. Proc 2010 Winter Simulation Conference (WSC 2010), Baltimore, Maryland, December 2010; B. Johansson, S. Jain, J. Montoya-Torres, J. Hugan, and E. Yücesan, eds. S. Bhattacharya and T. Başar. Graph-theoretic approach for connectivity maintenance in mobile networks in the presence of a jammer. Proc. 49th IEEE Conference on Decision and Control (CDC'10, Dec 15-17, 2010; Atlanta, Georgia), pp. 3560-3565. A. Gupta, C. Langbort, and T. Başar. Optimal control in the presence of an intelligent jammer with limited actions. Proc. 49th IEEE Conference on Decision and Control (CDC'10, Dec 15-17, 2010; Atlanta, Georgia), pp. 1096-1101. P. Frihauf, M. Krstic, and T. Başar. Nash equilibrium seeking for games with non-quadratic payoffs. Proc. 49th IEEE Conference on Decision and Control (CDC'10, Dec 15-17, 2010; Atlanta, Georgia), pp. 1096-1101. P. Frihauf, M. Krstic, and T. Başar. Nash equilibrium seeking for games with non-quadratic payoffs. Proc. 49th IEEE Conference on Decision and Control (CDC'10, Dec 15-17, 2010; Atlanta, Georgia), pp. 1096-1101. P. Frihauf, M. Krstic, and T. Başar. Nash equilibrium seeking for games with non-quadratic payoffs. Proc. 49th IEEE Conference on Decision and Control (CDC'10, Dec 15-17, 2010; Atlanta, Georgia), pp. 1096-1101. P. Frihauf, M. Krstic, and T. Başar. Nash equilibrium seeking for games with non-quadratic payoffs. Proc. 49th IEEE Conference on Decision and Control (CDC'10, Dec 15-17, 2010; Atlanta, Georgia), pp. 1096-1101. P. Frihauf, M. Krstic, and T. Başar. Nash equilibrium seeking for games with non-quadratic payoffs. Proc. 49th IEEE Conference on Decision and Control (CDC'10, Dec 15-17, 2010; Atlanta, Georgia), pp. 1096-1101. P. Frihauf, M. Krstic, and T. Başar. Nash equilibrium seeking for games with non-quadratic payoffs. Proc. 49th IEEE Conference on Decision and Control (CDC'10, Dec 15-17, 2010; Atlanta, Georgia), pp. 1096-1101. P. Frihauf, M. Krstic, and T. Başar. Nash equilibrium seeking for games with non-quadratic payoffs. Proc. 49th IEEE Conference on Decision and Control (CDC'10, Dec 15-17, 2010; Atlanta, Georgia), pp. 1096-1101. P. Frihauf, M. Krstic, and T. Başar. Nash equilibrium seeking for games with non-quadratic payoffs. Proc. 49th IEEE Conference on Decision and Control (CDC'10, Dec 15-17, 2010; Atlanta, Georgia), pp. 1096-1101. P. Frihauf, M. Krstic, and T. Başar. Nash equilibrium seeking for games with non-quadratic payoffs. Proc. 49th IEEE Conference on Decision and Control (CDC'10, Dec 15-17, 2010; 2010; Atlanta, Georgia), pp. 881-886. Q. Zhu, H. Tembine, and T. Başar. Heterogeneous learning in zero-sum stochastic games with incomplete information. Proc. 49th IEEE Conference on Decision and Control (CDC'10, Dec 15-17, 2010; Atlanta, Georgia), pp. 219-224. Q. Zhu, Z. Yuan, J.B. Song, Z. Han, and T. Başar. Dynamic interference minimization routing game for on-demand cognitive pilot channel. Proc. 2010 IEEE Global Communications Conference (IEEE GlobeCom 2010, December 6-10, 2010; Miami, Florida). W. Saad, Z. Han, T. Başar, M. Debbah, and A. Hjorungnes. A coalition formation game in partition formation formation formation formation formation formations. Proc. 2010 IEEE Global Communications Conference (IEEE Global Communications Conference). Conference (IEEE GlobeCom 2010, December 6-10, 2010; Miami, Florida). E. Altman, T. Başar, and V. Kavitha. Adversarial control in a delay tolerant network. Proc. GameSec 2010; Conference on Decision and Game Theory for Security), November 22-23, 2010; Berlin, Germany (T. Alpcan, L. Buttyan, and J. Baras (Eds.): GameSec 2010, LNCS 6442, pp 87 - 106, 2010). E. Altman, E. Aram, T. Başar, C. Touati, and S. Sarkar. Robust control in sparse mobile ad-hoc networks. Proc. GameSec 2010; Berlin, Germany (T. Alpcan, L. Buttyan, and J. Baras (Eds.): GameSec 2010, LNCS 6442, pp. 123 - 134, 2010). K. C. Nguyen, T. Alpcan, and T. Başar. Fictitious play with time-invariant frequency update for network security. Proc 2010 IEEE Multi-Conference on Systems and Control (MSC 2010), Yokohama, Japan, September 8-10, 2010. M. Krstic, P. Frihauf, J. Kriege, and T. Başar. Nash equilibrium seeking with finitely- and infinitely-many players. Proc. 8th IFAC Symposium on Nonlinear Control Systems (NOLCOS 2010), University of Bologna, Bologna, Italy, September 1-3, 2010. K. C. Nguyen, T. Alpcan, and T. Başar. Network security configuration: A nonzero-sum stochastic game approach. Proc. 2010 American Control Conference (ACC 2010), Baltimore, Maryland, June 30 - July 2, 2010, pp 1059-1064. H. Sun, N. Hovakimyan, and T. Başar. L-1 adaptive controller for systems with input guantization. Proc. 2010 American Control Conference (ACC 2010), Baltimore, Maryland, June 30 - July 2, 2010, pp 253-258. S. Bhattacharya and T. Başar. Game-theoretic analysis of an aerial jamming attack on a UAV communication network. Proc. 2010, pp 818-823. Q. Zhu and T. Başar. Game-theoretic analysis of an aerial jamming attack on a UAV communication network. Proc. 2010, pp 818-823. Q. Zhu and T. Başar. Game-theoretic analysis of an aerial jamming attack on a UAV communication network. quadratic differential games. Proc. 2010 American Control Conference (ACC 2010), Baltimore, Maryland, June 30 - July 2, 2010, pp 782-787. P. Frihauf, M. Krstic, and T. Başar. Nash equilibrium seeking for dynamic systems with non-quadratic payoffs. Proc. 14th International Symposium on Dynamic Games and Applications (ISDG 2010), Banff, Alberta, Canada, June 20 - June 22, 2010. S. Bhattacharya and T. Başar. Differential game-theoretic approach to a spatial jamming problem. Proc. 14th International Symposium on Dynamic Games and Applications (ISDG 2010), Banff, Alberta, Canada, June 20 - June 22, 2010. T. Başar. Differential games with mixed leadership. 14th International Symposium on Dynamic Games and Applications (ISDG 2010), Banff, Alberta, Canada, June 20 - June 22, 2010. F. De Pellegrini, E. Altman, and T. Başar. Optimal monotone forwarding policies in delay tolerant mobile ad hoc networks with multiple classes of nodes. International Workshop on Dynamic Networks (WDN 2010), Avignon, France, June 4, 2010 (in conjunction) with WiOpt 2010). Q. Zhu, H. Li, Z. Han, and T. Başar. A stochatic game model for jamming in multi-channel cognitive radio systems. Proc. IEEE International Conf. Communications (ICC 2010), Cape Town, South Africa, May 23-27, 2010. Q. Zhu, C. Fung, R. Boutaba, and T. Başar. A distributed sequential algorithm for collaborative intrusion detection networks. Proc. IEEE International Conf. Comm. (ICC 2010), Cape Town, South Africa, May 23-27, 2010. J.W. Huang, Q. Zhu, V. Krishnamurthy, and T. Başar. Distributed correlated Q-learning for dynamic transmission control of sensor networks. Proc. IEEE International Conf. Comm. (ICC 2010), Cape Town, South Africa, May 23-27, 2010. Q. Zhu, Z. Han and T. Başar. No-regret learning in collaborative spectrum sensing with malicious nodes. Proc. IEEE International Conf. Comm. (ICC 2010), Cape Town, South Africa, May 23-27, 2010. W. Saad, T. Alpcan, T. Başar, and A. Hjorungnes. Coalitional game theory for security risk management. Proc. Fifth International Conf. Internet Monitoring and Protection (ICIMP 2010), Barcelona, Spain, May 9-15, 2010. (Received the Best Paper Award.) S. Bhattacharya and T. Başar. Optimal strategies to evade jamming in heterogeneous mobile networks. Proc. 2010 IEEE International Conf. Robotics and Automation (Workshop on Search and Pursuit/Evasion in the Physical World: Efficiency, Scalability, and Guarantees; SPE-ICRA 2010), Anchorage, Alaska, May 3-8, 2010. C.J. Fung, Q. Zhu, R. Boutaba and T. Başar, A. Hjorungnes, and J.B. Song. (NOMS 2010), Osaka, Japan, April 19-23, 2010. W. Saad, Z. Han, T. Başar, A. Hjorungnes, and J.B. Song. Hedonic coalition formation games for secondary base station cooperation in cognitive radio networks. Proc. IEEE Wireless Communications & Networking Conference (WCNC 2010), Sydney, Australia, April 18-21, 2010. E. Altman, A.P. Azad, T. Başar, and F. De Pellegrini. Optimal activation and transmission control in delay tolerant networks Proc. IEEE Infocom 2010, San Diego, California, March 15-18, 2010. T. Başar. Stochastic teams, games, and non-classical information. ITA (Information. ITA (Information. ITA (Information. Proc. 48th IEEE Conference on Decision and Control (CDC'09, Dec 16-18, 2009; Shanghai, China). E. Altman, T. Başar, and F. De Pellegrini. Optimal control in two-hop relay routing. Proc. 48th IEEE Conference on Decision and T. Başar. Network formation games for the uplink of wireless multi-hop networks in the presence of eavesdroppers. Proc. Third International Workshop on Computational Advances in Multi-Sensor Adaptive Processing (IEEE CAMSAP09, December 13-16, 2009; Aruba, Dutch Antilles). Q. Zhu, H. Tembine, and T. Başar. Evolutionary games for hybrid additive white Gaussian noise multiple access control. Proc. 2009 IEEE Global Communications Conference (IEEE GlobeCom 2009 WCS, November 30-December 4, 2009; Honolulu, Hawaii). W. Saad, Q. Zhu, T. Başar, Z. Han, and A. Hjorungnes. Hierarchical networks. Proc. 2009 IEEE Global Communications Conference (IEEE GlobeCom 2009 WNS, November 30-December 4, 2009; Honolulu, Hawaii). W. Saad, Q. Zhu, T. Başar, Z. Han, and A. Hjorungnes. Hierarchical networks. Proc. 2009 IEEE Global Communications Conference (IEEE Global Communications Conference). Honolulu, Hawaii) . W. Saad, Z. Han, T. Başar, M. Debbah, and A. Hjorungnes. Coalitional games for distributed eavesdroppers cooperation in wireless networks. Proc. Workshop on Game Theory in Communication Networks (GameComm2009, October 23, 2009; Pisa, Italy). E. Altman, T. Başar, I. Menache, and H. Tembine. A dynamic random access game with energy constraints Proc. 7th International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt'09, June 25-27, 2009; Seoul, Korea). W. Saad, Z. Han, T. Başar, M. Debbah, and A. Hjorungnes. Physical layer security: Coalitional games for distributed cooperation. Proc. 7th International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt'09, June 25-27, 2009; Seoul, Korea). (Received the Best Paper Award.) W. Saad, Z. Han, M. Debbah, A. Hjorungnes, and T. Başar. A game-based self-organizing uplink tree for VoIP services in IEEE 802.16 networks. Proc. IEEE International Communications Conference, Wireless Networking Symposium (ICC'09 Wireless Networking, June 14-18, 2009; Dresden, Germany). K. C. Nguyen, T. Alpcan, and T. Başar. Gametheoretic analysis of a visibility based pursuit-evasion game in the presence of obstacles. Proc. 2009 American Control Conference (ACC'09, June 10-12, 2009; St. Louis, Missouri). K. C. Nguyen, T. Alpcan, and T. Başar. Stochastic games with incomplete information for network security. Proc International Conference on Game Theory for Networks (GameNets'09, May 13-15, 2009; Istanbul, Turkey). W. Saad, Z. Han, T. Başar, M. Debbah, and A. Hjorungnes. A selfish approach to coalition formational Conference on Game Theory for Networks (GameNets'09, May 13-15, 2009; Istanbul, Turkey). Q. Zhu, H. Tembine, and T. Başar, A constrained evolutionary Gaussian multiple-access channel game. Proc International Conference on Game Theory for Networks (GameNets'09, May 13-15, 2009; Istanbul, Turkey). Q. Zhu, C. Fung, R. Boutaba, and T. Başar. A game-theoretical approach to incentive design in collaborative intrusion detection networks. Proc International Conference on Game Theory for Networks (GameNets'09, May 13-15, 2009; Istanbul, Turkey). W. Saad, Z. Han, M. Debbah, A. Hjorungnes, and T. Başar. Coalitional games for distributed collaborative spectrum sensing in cognitive radio networks. Proc. IEEE Infocom 2009 (April 19-25, 2009; Rio de Janeiro, Brazil). 2008 T. Başar. Variations on the theme of the Witsenhausen counterexample. Proc. 47th IEEE Conference on Decision and Control (CDC'08, Dec 9-11, 2008; Cancun, Mexico), pp. 1614-1619. K. C. Nguyen, T. Alpcan, and T. Başar. Distributed hypothesis testing with a fusion center: the conditionally dependent case. Proc. 47th IEEE Conference on Decision and Control (CDC'08, Dec 9-11, 2008; Cancun, Mexico), pp. 1614-1619. K. C. Nguyen, T. Alpcan, and T. Başar. Distributed hypothesis testing with a fusion center: the conditionally dependent case. Proc. 47th IEEE Conference on Decision and Control (CDC'08, Dec 9-11, 2008; Cancun, Mexico), pp. 1614-1619. K. C. Nguyen, T. Alpcan, and T. Başar. Distributed hypothesis testing with a fusion center: the conditionally dependent case. Proc. 47th IEEE Conference on Decision and Control (CDC'08, Dec 9-11, 2008; Cancun, Mexico), pp. 1614-1619. K. C. Nguyen, T. Alpcan, and T. Başar. Distributed hypothesis testing with a fusion center: the conditionally dependent case. Cancun, Mexico). P. Bommannavar and T. Başar. Optimal control with limited control actions and lossy transmissions. Proc. 47th IEEE Conference on Decision and Control (CDC'08, Dec 9-11, 2008; Cancun, Mexico). E. Altman, T. Başar, and F. De Pellegrini. Optimal monotone forwarding policies in delay tolerant mobile ad-hoc networks. Proc. of the Workshop on Interdisciplinary Systems Approach in Performance Evaluation and Design of Computer & Communication Systems (Inter-Perf2008, Oct 24, 2008; Athens, Greece) . S. Subramani, T. Başar, S. Armour, D. Kaleshi, and Z. Fan. Noncooperative equilibrium solutions for spectrum access in distributed cognitive radio networks. Proc. 3rd Intl. IEEE Symp. on Dynamic Spectrum Access Networks (IEEE DySPAN 2008; Chicago, Illinois) . K. C. Nguyen, T. Alpcan, and T. Başar. A decentralized Bayesian attack detection algorithm for network security. Proc. 23rd Intl. Information Security Conf. (SEC 2008, Sept 8-10, 2008; Milan, Italy) , pp 413-427. P. Bommannavar and T. Başar. Optimal estimation over channels with limits on usage. Proc. 17th IFAC World Congress (July 6 - 11, 2008, Seoul, Korea). J. Scheffran, T. Başar, and W.H. Sanders. Dynamic Games and Applications (ISDGA 2008, June 30-July 3, 2008; Wroclaw, Poland). K. C. Nguyen, T. Alpcan, and T. Başar. Fictitious play with imperfect observations for network intrusion detection. Preprints of the 13th Intl. Symp. Dynamic Games and Applications (ISDGA 2008, June 30-July 3, 2008; Wroclaw, Poland) . S. Yuksel, T. Başar, and S.P. Meyn. Optimal causal quantization of Markov sources with distortion constraints. Proc. 2008 ITA Workshop (January 28-31, 2008; Univ. California San Diego). 2007 M. Bloem, T. Alpcan, and T. Basar. An optimal control (CDC'07, Dec 12-14, 2007; New Orleans, Louisiana), pp. 6059-6064. M. Bloem, T. Alpcan, and T. Basar. Optimal and robust epidemic response for multiple networks. Proc. 46th IEEE Conference on Decision and Control (CDC'07, Dec 12-14, 2007; New Orleans, Louisiana), pp. 5074-5079. K. Zheng, T. Başar, and J. Bentsman. H-infinity bumpless transfer under controller uncertainty. Proc. 46th IEEE Conference on Decision and Control (CDC'07, Dec 12-14, 2007; New Orleans, Louisiana), pp. 2129-2134. S. Yuksel and T. Başar. Information theoretic study of the signaling problem in decentralized stabilization of noisy linear systems. Proc. 46th IEEE Conference on Decision and Control (CDC'07, Dec 12-14, 2007; New Orleans, Louisiana), pp. 328-333. M. Bloem, T. Alpcan, and T. Başar. A Stackelberg game for power control and channel allocation in cognitive radio networks. Proc. Workshop on Game Theory in Communication Networks (GameComm2007, October 22, 2007; Nantes, France) [pdf]. H. Shen and T. Başar. Pricing under information asymmetry for a large population of users. Proc. Workshop on Game Theory in Communication Networks (GameComm2007, October 22, 2007; Nantes, France) [pdf]. S. Schmidt, T. Alpcan, S. Albayrak, T. Başar, and A. Muller. A malware detector placement game for intrusion detection. 2nd International Workshop on Critical Information. N. Bloem, T. Alpcan, S. Schmidt, and T. Başar. Malware filtering for network security using weighted optimality measures. 16th IEEE Conference on Control Applications (CCA2007, October 1-3, 2007; Singapore). T. Alpcan, P. Wang, P.G. Mehta, and T. Başar. A non-equilibrium analysis and control framework for communication networks. 7th IFAC Symposium on Nonlinear Control Systems (NOLCOS 2007, August 22-24, 2007; Pretoria, South Africa). S. Yuksel and T. Başar. Decentralized multi-controller stabilizability over communication channels. European Control framework for heterogeneous network access. Proc. 5th International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt'07, April 16-20, 2007; Limassol, Cyprus) . 2006 A. Kashyap, T. Başar, and R. Srikant. Consensus with quantized information updates Proc. 45th IEEE Conference on Decision and Control (CDC'06, Dec 13-15, 2006; San Diego, California), pp. 2728-2733. M. Bloem, T. Alpcan, and T. Başar. Intrusion response as a resource allocation problem Proc. 45th IEEE Conference on Decision and Control (CDC'06, Dec 13-15, 2006; San Diego, California), pp. 6283-6288. T. Alpcan, P.G. Mehta, T. Başar, and U. Vaidya. Control of non-equilibrium dynamics in communication networks. Proc. 45th IEEE Conference on Decision and Control (CDC'06, Dec 13-15, 2006; San Diego California), pp. 5216-5221. H. Shen and T. Başar. Hierarchical network games with various types of public and private information Proc. 45th IEEE Conference on Decision and Control (CDC'06, Dec 13-15, 2006; San Diego, California), pp. 2825-2830. S. Yuksel and T. Başar. On causal coding of Markovian sources with general alphabets. Proc. 45th IEEE ce on Decision and Control (CDC'06, Dec 13-15, 2006; San Diego, California), pp. 4927-4932. S. Yuksel and T. Başar. Control of multi-dimensional linear systems over noisy forward and reverse channels. Proc. 45th IEEE Conference on Decision and Control (CDC'06, Dec 13-15, 2006; San Diego, California), pp. 477-483. S. Liu, T. Başar, and R. Srikant. TCP-Illinois: A loss and delay-based congestion control algorithm for high-speed networks. Proc. First International Conference on Performance Evaluation Methodologies and Tools (VALUETOOLS), Pisa, Italy, October 11-13, 2006 [ps]. T. Alpcan and T. Başar. An intrusion detection game with limited observations. Proc. 12th Int. Symp. on Dynamic Games and Applications, Sophia Antipolis, France, July 2006 . A. Kashyap, T. Başar, and R. Srikant. Quantized consensus. Proc. 2006 IEEE Symposium on Information Theory (ISIT 2006, July, 2006) [pdf]. O.C. Imer and T. Başar. Optimal control with limited controls. Proc. 2006 American Control Conference (ACC'06, June 13-15, 2006; Minneapolis, France, July 2006). Minnesota), pp. 298-303 [pdf]. O.C. Imer and T. Başar. To measure or to control: optimal control with scheduled measurements and controls. Proc. 2006 American Controls. Proc. 2006 American Signation for detection in power and R. Srikant. Asymptotically optimal quantization for detection in power and R. Srikant. Asymptotically optimal quantization for detection in power and R. Srikant. Asymptotically optimal quantization for detection in power and R. Srikant. Asymptotically optimal quantization for detection in power and R. Srikant. Asymptotically optimal quantization for detection in power and R. Srikant. constrained decentralized sensor networks. Proc. 2006 American Control Conference (ACC'06, June 13-15, 2006; Minneapolis, Minnesota), pp. 2060-2065 [pdf]. S. Yuksel and T. Başar. Decentralized sensor structure entails no loss of rate performance for asymptotic stability. Proc. 2006 American Control Conference (ACC'06, June 13-15, 2006; Minneapolis, Minnesota), pp. 2060-2065 [pdf]. S. Yuksel and T. Başar. Decentralized sensor structure entails no loss of rate performance for asymptotic stability. Proc. 2006 American Control Conference (ACC'06, June 13-15, 2006; Minneapolis, Minneapolis, Minnesota), pp. 2060-2065 [pdf]. Minneapolis, Minnesota), pp. 5563-5568 [pdf]. 2005 S. Yuksel and T. Başar. Coding and control over discrete noisy forward and feedback channels. Proc. Joint 44th IEEE Conference on Decision and Control over discrete noisy forward and feedback channels. Proc. Joint 44th IEEE Conference (CDC-ECC'05, Dec 12-15, 2005; Seville, Spain), pp. 2517-2522 [pdf]. R.T. Maheswaran and T. Başar. On revenue generation when auctioning network resources. Proc. Joint 44th IEEE Conference on Decision and Control and European Control and Eu Control Conference (CDC-ECC'05, Dec 12-15, 2005; Seville, Spain), pp. 1029-1034 [pdf]. O.C. Imer and T. Başar. A global stability result in utility-based congestion control Conference (CDC-ECC'05, Dec 12-15, 2005; Seville, Spain), pp. 6740-6743 [pdf]. K. R. Rohloff and T. Basar. The detection of RCS worm epidemics. Proc. WORM 2005, The 3rd Workshop on Rapid Malcode (WORM), held in association with the 12th ACM Conference on Computer and Communications Security (CCS-12); November 11, 2005; Fairfax, VA . K. R. Rohloff and T. Basar. Stochastic behavior of random constant scanning worms. Proc. 14th International Conference on Computer Communications and Networks (ICCCN'05; October 17-19, 2005; San Diego, CA), pp. 339-344. K. R. Rohloff, T. Alpcan, and T. Başar. A discrete-event systems model for congestion control. Proc. 16th IFAC World Congress (July 3 - 8, 2005, Prague, Czech Republic). H. Ishii and T. Başar. Robust identification over networks. Proc. 2005 American Control Conference (ACC 2005) (June 8-10, 2005; Portland, Oregon). T. Alpcan, X. Fan, T. Başar, M. Arcak, and J. T. Wen. Power control for multicell CDMA wireless networks: A team optimization approach. Proc. WiOpt'05, "Modeling and Optimization in Mobile and Ad Hoc and Wireless Networks" (April 4 - 6, 2005; Trenton, Italy) [pdf]. S. Liu, T. Başar, and R. Srikant. Pitfalls in the fluid modeling of RTT variations in window-based congestion control. Proc. IEEE Infocom 2005 (March 13-17, 2005; Miami, Florida) [pdf]. 2004 T. Alpcan and T. Başar. A hybrid noncooperative game model for wireless communications. Proc. 11th International Symposium on Dynamic Games and Applications (Dec 19-21, 2004; Tucson, Arizona) [pdf]. H. Shen and T. Başar. Incentive-based pricing for network games with complete and incomplete and incomplete and incomplete and incomplete and prications (Dec 19-21, 2004; Tucson, Arizona) [pdf]. R.T. Maheswaran and T. Başar. Social welfare of selfish agents: motivating efficiency for divisible resources. Proc. IEEE Conference on Decision and Control (Dec 14-17, 2004; Nassau, The Bahamas), pp. 1568-1573 [pdf]. T. Alpcan and T. Basar. A game theoretic analysis of intrusion detection in access control systems Proc. IEEE Conference on Decision and Control (Dec 14-17, 2004; Nassau, The Bahamas), pp. 1568-1573 [pdf]. S. Yuksel and T. Başar. Minimum rate coding for state estimation over noiseless channels. Proc. IEEE Conference on Decision and Control (Dec 14-17, 2004; Nassau, The Bahamas), pp. 4503-4508 [pdf]. H. Shen and T. Başar. Network game with a probabilistic description of user types. Proc. IEEE Conference on Decision and Control (Dec 14-17, 2004; Nassau, The Bahamas), pp. 4503-4508 [pdf]. Nassau, The Bahamas), pp. 4225-4230 [pdf]. H. Ishii and T. Başar. An analysis on quantization effects in H-infinity parameter identification. Proc. IEEE Conference on Control of dynamical systems over unreliable communication links. Proc. Nonlinear Control Symposium (NOLCOS), Stuttgart, Germany, August 31-September 2, 2004. O.C. Imer and T. Başar. Generalized REM (G-REM) flow control Conference (ACC 2004) (June 30-July 2, 2004; Boston, MA), pp. 2943-47. T. Alpcan, T. Başar, and S. Dey. A power control game based on outage probabilities for multicell wireless data networks. Proc. 2004 American Control Conference (ACC 2004) (June 30-July 2, 2004; Boston, MA), pp. 1661-66. H.M. Do, T. Başar, and J.Y. Choi. An anti-windup design for single input adaptive control systems in strict feedback form. Proc. 2004 American Control Conference (ACC 2004) (June 30-July 2, 2004; Boston, MA), pp. 1661-66. H.M. Do, T. Başar, and J.Y. Choi. An anti-windup design for single input adaptive control systems in strict feedback form. Proc. 2004 American Control Conference (ACC 2004) (June 30-July 2, 2004; Boston, MA), pp. 1661-66. 2004; Boston, MA), pp. 2551-56. H. Shen and T. Başar. Differentiated Internet pricing using a hierarchical network game model. Proc. 2004; Boston, MA), pp. 2322-27. H. Ishii, T. Başar, and R. Tempo. Randomized algorithms for some hybrid systems problems. Proc. MTNS, Paris, France, June 2004. A. Kashyap, T. Başar, and R. Srikant. Correlated jamming on MIMO Gaussian channels. 2004 IEEE International Conference on Communications (ICC 2004) (June 20-24, 2004; Paris, France). E. Altman, T. Başar, and N. Malouch. The role of information update in flow control. Proc. Networking 2004, Athens, Greece, May 9-14, 2004. S. Yuksel, O. C. Imer and T. Başar. Constrained state estimation and control over communication networks. Proc. 38th Annual Conference on Information Science and Systems (CISS), Princeton, NJ, March 2004. 2003 C. Tang and T. Başar. Minimax control of nonlinear strict-feedback systems under stochastic uncertainty constraints. IEEE Conference on Decision and Control (Dec 9-12, 2003; Maui, Hawaii), pp. 1065-1070 [pdf]. A. Kashyap, T. Başar, and R. Srikant. Minimum distortion transmission of Gaussian sources over fading channels. IEEE Conference on Decision and Control (Dec 9-12, 2003; Maui, Hawaii), pp. 80-85 [pdf]. S. Liu, T. Başar, R. Srikant. Controlling the Internet: A survey and some new results. IEEE Conference on Decision and Control (Dec 9-12, 2003; Maui, Hawaii), pp. 3048-3057 [pdf]. H. Ishii, T. Başar, R. Tempo. Synthesis of switching Rules for Switching optimization flow control. IEEE Conference on Decision and Control (Dec 9-12, 2003; Maui, Hawaii), pp. 5939-5944 [pdf]. T. Alpcan and T. Başar. A game theoretic approach to decision and analysis in network intrusion detection. IEEE Conference on Decision and Control (Dec 9-12, 2003; Maui, Hawaii), pp. 2595-2600 [pdf]. T. Alpcan and T. Başar. Global stability analysis of an end-to-end congestion control scheme for general topology networks with delay. IEEE Conference on Decision and Control (Dec 9-12, 2003; Maui, Hawaii), pp. 2595-2600 [pdf]. Maui, Hawaii), pp. 1092-1097 [pdf]. S. Yuksel and T. Başar. Quantization and coding for decentralized LTI systems. IEEE Conference on Decision and R. Srikant. Real-time transmission of Gaussian sources over fading channels. IEEE Symp. Information Theory, Aug 2003. R. T. Maheswaran and T. Başar. Coalition formation in proportionally fair divisible auctions. Proc. AAMAS 2003, "The Second International Joint Conference on Autonomous Agents and Multi Agent Systems," July 14-18, 2003, Melbourne, Australia. [pdf] T. Alpcan, T. Başar, and R. Tempo. Randomized algorithms for stability and robustness analysis of high speed communication networks. Proc. IEEE Conference on Control Applications, June 23-25, 2003, Istanbul, Turkey. [pdf] (T. Alpcan received the Student Best Paper Award.) S. Yuksel and T. Başar. Quantization for LTI systems with noiseless channels. Proc. IEEE Conference on Control Applications, June 23-25, 2003, Istanbul, Turkey. S. Yuksel and T. Başar. State estimation and control for linear systems over communication networks. Proc. IEEE Conference on Control Applications, June 23-25, 2003, Istanbul, Turkey. H. Ishii, T. Başar, and R. Tempo. Randomized algorithms for quadratic stability of quantized sampled-data systems. Proc. American Control Conference, June 4-6, 2003, Denver, Colorado. [pdf] T. Alpcan and T. Başar. A utility-based congestion control scheme for Internet-style networks with delay. Proc. IEEE Infocom 2003, March 31-April 3, 2003, San Francisco, California, pp. 2039-2048[pdf]. T. Alpcan and T. Başar. A hybrid systems model for power control in multicell wireless data networks. Proc. WiOpt'03, "Modeling and Optimization in Mobile and Ad Hoc and Wireless Networks," March 3 - 5, 2003, Sophia-Antipolis, France. [pdf] S. Gezici, H. Kobayashi, H. V. Poor, S. Yuksel, and T. Başar. Time-of-arrival estimation in non-line-of-sight environments. Proc. CISS'03, Conf. Information Sciences and Systems, March 12-14, 2003, Johns Hopkins Univ, Baltimore. [pdf] 2002 J.W. Melody and T. Başar. Minimax estimation for hybrid systems. Proc. 41st IEEE Conf. Decision and Control, pp. 830-835, Las Vegas, Nevada, December 10-13, 2002. H. Ishii and T. Başar. Remote control of LTI systems over networks with state quantization. Proc. 41st IEEE Conf. Decision and Control, pp. 830-835, Las Vegas, Nevada, December 10-13, 2002. H. Ishii and T. Başar. Remote control of LTI systems over networks with state quantization. Proc. 41st IEEE Conf. Decision and Control, pp. 830-835, Las Vegas, Nevada, December 10-13, 2002. H. Ishii and T. Başar. Remote control of LTI systems over networks with state quantization. Proc. 41st IEEE Conf. Decision and Control, pp. 830-835, Las Vegas, Nevada, December 10-13, 2002. H. Ishii and T. Başar. Remote control of LTI systems over networks with state quantization. 2002. T. Alpcan and T. Başar. A game-theoretic framework for congestion control in general topology networks. Proc. 41st IEEE Conf. Decision and Control, pp. 1218-1224, Las Vegas, Nevada, December 10-13, 2002. K.-J. Park, W. J. Jeon, K. Nahrstedt, T. Başar, and C.-H. Choi. Robust delay estimation for internet multimedia applications. Proc. IDMS/PROMS'2002 (Joint International Workshop on Interactive Distributed Multimedia Systems/Protocols for Multimedia Systems), Coimbra, Portugal, November 26-29, 2002. T. Başar and R. Srikant. A hierarchical network game with a large number of players. Proc. 15th IFAC World Congress, Barcelona, Spain, July 21-26, 2002 C. Tang and T. Başar. Inverse optimal controller design for strict-feedback stochastic systems with exponential-of-integral cost. Proc. 15th IFAC World Congress, Barcelona, Spain, July 21-26, 2002 [pdf]. R. Maheswaran and T. Başar. Auctions for divisible resources: Price functions, Nash equilibrium and decentralized update schemes. Proc. AMEC-IV (Agent-Mediated Electronic Commerce IV) Workshop, AAMAS-02 Conference, Bologna, Italy, July 16, 2002. E. Altman, R. El Azouzi, T. Başar and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing games. Proc. Workshop on Networking Games and R. Srikant. Combined competitive flow control and routing gam expansion in a many-users regime. Proc. IEEE Infocom 2002, pp. 1556-1563, New York, New York, June 23-27, 2002 [pdf]. T.-H. Kim, T. Başar, and I.-J. Ha. Asymptotic stabilization of an underactuated surface vessel via logic-based control. Proc. American Control Conference, Anchorage, Alaska, May 2002 [pdf]. 2001 O.C. Imer, T. Başar, and R. Srikant. A distributed globally convergent algorithm for fair, queue-length-based congestion control. Proc. 40th IEEE Conf. Decision and Control, pp. 622-627, Orlando, Florida, December 4-7, 2001 [pdf], [ps]. T. Alpcan, T. Başar, R. Srikant, and E. Altman. CDMA uplink power control as a noncooperative game. Proc. 40th IEEE Conf. Decision and Control, pp. 197-202, Orlando, Florida, December 4-7, 2001 [pdf], [ps]. R. Maheswaran and T. Başar. Decentralized network resource allocation as a repeated game. Proc. 40th IEEE Conf. Decision and Control, pp. 4565-4570, Orlando, Florida, December 4-7, 2001 [pdf], [ps]. C. Tang and T. Başar. Stochastic stability of singularly perturbed nonlinear systems. Proc. 40th IEEE Conf. Decision and Control, pp. 399-404, Orlando, Florida, December 4-7, 2001 [pdf], [ps]. T. Başar. Paradigms for robustness in controller and filter and filter and filter filter control, pp. 813-818, Orlando, Florida, December 4-7, 2001 [pdf], [ps]. T. Başar. Paradigms for robustness in controller and filter and filter and filter filter control, pp. 813-818, Orlando, Florida, December 4-7, 2001 [pdf], [ps]. T. Başar. Paradigms for robustness in controller and filter and filter filter control filter designs. Preprints of IFAC Symposium on Modeling and Control of Economic Systems, pp. 11-16, Klagenfurt, Austria, September 6-8, 2001 (plenary address). G. Toussaint, T. Başar, and F. Bullo. Motion planning for nonlinear underactuated vehicles using H-infinity techniques. Proc. 2001 American Control Conf., pp. 4097-4102, June 25-27, 2001, Arlington, Virginia. J.W. Melody, D. Pokhariyal, J. Merret, T.Başar, W.R. Perkins, M.B. Bragg. Sensor integration for inflight lcing characterization using neural networks. 39th AIAA Aerospace Sciences Meeting and Exhibit, Reno, NV, January 8-10, 2001. 2000 G. Arslan and T.Başar. Output-feedback control of stochastic strict-feedback systems under an exponential cost criterion. Proc. 39th IEEE Conf. Decision and Control, pp. 2450-2455, December 12-15, 2000, Sydney, Australia. J. W. Melody, T. Başar, and F. Bullo. On nonlinear controllability of homogeneous systems linear in control. Proc. 39th IEEE Conf. Decision and Control, pp. 3971-3976, December 12-15, 2000, Sydney, Australia. G. Toussaint, T. Başar, and F. Bullo. H-infinity optimal tracking control techniques for nonlinear underactuated systems. Proc. 39th IEEE Conf. Decision and T. Başar. A variable rate model with QoS guarantees for real-time internet traffic. Proc. SPIE Internat. Symp on Information Technologies 2000, vol. 4211, Internet Performance and Control of Networked Systems, November 5-8, 2000, Boston, Massachusetts, pp. 234-245. O. C. Imer, T. Başar, and F. Bullo. Tracking for underactuated surface vessels with general forces. Proc. IEEE Internat. Conf. on Control Applications, pp. 355-360, September 25-27, 2000, Anchorage, Alaska. J.W. Melody, T. Hilbrand, T. Başar, and W.R. Perkins. Parameter identification for inflight detection of aircraft icing: the time-varying case. 12th IFAC Symposium on System Identification, Santa Barbara, CA, June 21-23, 2000. G. Arslan and T. Başar. Adaptive control of stochastic strict-feedback systems with unknown virtual arisk-sensitive criterion. 12th IFAC Symposium on System Identification, Santa Barbara, CA, June 21-23, 2000. G. Arslan and T. Başar. Adaptive control of stochastic strict-feedback systems with unknown virtual control coefficients. 12th IFAC Symposium on System Identification, Santa Barbara, CA, June 21-23, 2000. J. Bredin, R.T. Maheswaran, C. Imer, T. Başar, D. Kotz, and D. Rus. A game-theoretic formulation of multi-agent resource allocation. Proc.4th Internat. Conf. on Autonomous Agents, pp. 349-356, Barcelona, Spain, June 2000 [pdf]. E. Altman, T. Başar, T. Jimenez, and N. Shimkin. Competitive routing in networks with polynomial cost. Proc. IEEE INFOCOM 2000, Tel Aviv, Israel, March 26-30, 2000. E.A. Schuchard, J.W. Melody, T.Başar, W.R. Perkins, P.G. Voulgaris. Detection and classification of aircraft lcing using neural networks. 38th AIAA Aerospace Sciences Meeting and Exhibit, Reno, NV, January 10-12, 2000. 1999 R. Blauwkamp and T. Başar. A receding-horizon approach to robust output feedback control for nonlinear systems. Proc. 38th IEEE Conference on Decision and Control, Phoenix, AZ, pp. 4879-4884, Dec 7-10, 1999 [pdf]. M. Xiao and T. Başar. Center manifold of the viscous Moore-Greitzer PDE model. Proc. 38th IEEE Conference on Decision and Control, Phoenix, AZ, pp. 668-673, Dec 7-10, 1999 [pdf]. M. Xiao and T. Başar. Optimal control of piecewise deterministic nonlinear systems with controlled transitions: Viscosity solutions, their existence and uniqueness. Proc. 38th IEEE Conference on Decision and Control, Phoenix, AZ, pp. 4712-4717, Dec 7-10, 1999 [pdf]. M. Xiao and T. Başar. Finite-dimensional compensators for the H-infinity optimal control of infinite-dimensional systems via a Galerkin-type approximation. Proc. 38th IEEE Conference on Decision and Control, Phoenix, AZ, pp. 1095-1100, Dec 7-10, 1999 [pdf]. O. Ait-Helal, E. Altman, and T. Başar. A robust identification algorithm for traffic models in telecommunications. Proc. 38th IEEE Conference on Decision and Control, Phoenix, AZ, Dec 7-10, 1999. R. Maheswaran, O.C. Imer, and T. Başar. Agent mobility in computer networks under price incentives. Proc. 38th IEEE Conference on Decision and Control, Phoenix, AZ, Dec 7-10, 1999. R. Maheswaran, O.C. Imer, and T. Başar. Agent mobility in computer networks under price incentives. controllers for nonlinear strict-feedback systems. Proc. 38th IEEE Conference on Decision and Control, Phoenix, AZ, pp. 115-120, Dec 7-10, 1999. E. Altman, T. Başar, and R. Srikant. Nash equilibria for combined flow control and control, Phoenix, AZ, pp. 115-120, Dec 7-10, 1999. E. Altman, T. Başar, and R. Srikant. Nash equilibria for combined flow control and routing in networks: Asymptotic behavior for a large number of users. Proc. 38th IEEE Conference on Decision and Control, Phoenix, AZ, Dec 7-10, 1999 [pdf]. G. Arslan and T. Başar. Robust output tracking for strict-feedback systems using neural-net based approximators for nonlinearities. Proc. 38th IEEE Conference on Decision and Control, Phoenix, AZ, pp. 2987-2992, Dec 7-10, 1999 [pdf]. O.C. Imer and T. Başar. Optimal solution to a team problem with information delays: An application in flow control for communication networks. Proc. 38th IEEE Conference on Decision and Control, Phoenix, AZ, Dec 7-10, 1999 [pdf]. G. Arslan and T. Başar. Robust output-feedback systems with unknown nonlinearities. Proc. 38th IEEE Conference on Decision and Control, Phoenix, AZ, pp. 4748-4753, Dec 7-10, 1999 [pdf]. 1999 [pdf]. E. Altman, T. Başar and R. Srikant. A team-theoretic approach to congestion control. Proc. 14th IFAC Congress, vol. J, pp. 259-264, Beijing, P.R. China, July 5-9, 1999. M. Xiao and T. Başar. Rotating stall control of MG3 compressor models governed by partial differential equations. Proc. 14th IFAC Congress, vol. E, pp. 183-188, Beijing, P.R. China, July 5-9, 1999. J.W. Melody, T. Başar, W.R. Perkins and P.G. Voulgaris. Parameter identification for inflight detection of aircraft icing. Proc. 14th IFAC Congress, vol. P, pp. 295-300, Beijing, P.R. China, July 5-9, 1999. T. Başar and T. Vallee. Computation of the closed-loop Stackelberg solution using the genetic algorithm. Proc. 14th IFAC Congress, vol. P, pp. 295-300, Beijing, P.R. China, July 5-9, 1999. T. Başar and T. Vallee. Computation of the closed-loop Stackelberg solution using the genetic algorithm. Proc. 14th IFAC Congress, vol. P, pp. 295-300, Beijing, P.R. China, July 5-9, 1999. T. Başar and T. Vallee. Computation of the closed-loop Stackelberg solution using the genetic algorithm. Proc. 14th IFAC Congress, vol. P, pp. 295-300, Beijing, P.R. China, July 5-9, 1999. T. Başar and T. Vallee. Computation of the closed-loop Stackelberg solution using the genetic algorithm. Proc. 14th IFAC Congress, vol. P, pp. 295-300, Beijing, P.R. China, July 5-9, 1999. T. Başar and T. Vallee. Computation of the closed-loop Stackelberg solution using the genetic algorithm. Proc. 14th IFAC Congress, vol. P, pp. 295-300, Beijing, P.R. China, July 5-9, 1999. T. Başar and T. Vallee. Computation of the closed-loop Stackelberg solution using the genetic algorithm. Proc. 14th IFAC Congress, vol. P, pp. 295-300, Beijing, P.R. China, July 5-9, 1999. T. Başar and T. Vallee. Computation of the closed-loop Stackelberg solution using the genetic algorithm. Proc. 14th IFAC Congress, vol. P, pp. 295-300, Beijing, P.R. China, July 5-9, 1999. T. Başar and T. Vallee. Computation using the genetic algorithm. Proc. 14th IFAC Congress, vol. P, pp. 295-300, Beijing, P.R. China, July 5-9, 1999. T. Başar and T. Vallee. Computation using the genetic algorithm. Proc. 14th IFAC Congress, vol. P, pp. 295-300, Beijing, P.R. China, July 5-9, 1999. T. Başar and T. Vallee. Computed by the genetic algorithm. Proc. 14th IFAC Congress, vol. P, pp. 295-300, Beijing, P.R. China, July 5-9, 1999. T. Başar and T. Vallee. Computed by the genetic algo vol. M, pp. 69-74, Beijing, P.R. China, July 5-9, 1999. M. Xiao and T. Başar. Analysis and control of multi-mode Moore-Greitzer compressor models. Proc. 1999 American Control of nonlinear systems with local optimality. Proc. 1999 American Control Conference, San Diego, CA, pp. 2647-2651, June 2-4, 1999. G. Arslan and T. Başar. Achieving nonvanishing in systems with unknown nonlinearities. Proc. 1999 American Control Conference, San Diego, CA, pp. 1057-1061, June 2-4, 1999. G.J. Toussaint and T. Başar. Achieving nonvanishing in systems with unknown nonlinearities. Proc. 1999 American Control Conference, San Diego, CA, pp. 1057-1061, June 2-4, 1999. G.J. Toussaint and T. Başar. Achieving nonvanishing in systems with unknown nonlinearities. Proc. 1999 American Control Conference, San Diego, CA, pp. 2647-2651, June 2-4, 1999. G. Arslan and T. Başar. Achieving nonvanishing in systems with unknown nonlinearities. Proc. 1999 American Control Conference, San Diego, CA, pp. 2017-2018, June 2-4, 1999. G.J. Toussaint and T. Başar. Achieving nonvanishing in systems with unknown nonlinearities. Proc. 1999 American Control Conference, San Diego, CA, pp. 2017-2018, June 2-4, 1999. G.J. Toussaint and T. Başar. Achieving nonvanishing in systems with unknown nonlinearities. Proc. 1999 American Control Conference, San Diego, CA, pp. 2017-2018, June 2-4, 1999. G.J. Toussaint and T. Başar. Achieving nonvanishing in systems with unknown nonlinearities. Proc. 1999 American Control Conference, San Diego, CA, pp. 2017-2018, June 2-4, 1999. G.J. Toussaint and T. Başar. Achieving nonvanishing in systems with unknown nonlinearities. Proc. 1999 American Control Conference, San Diego, CA, pp. 2018, June 2-4, 1999. G.J. Toussaint and T. Başar. Achieving nonvanishing in systems with unknown nonlinearities. Proc. 1999 American Control Conference, San Diego, CA, pp. 2018, June 2-4, 1999. G.J. Toussaint and T. Başar. Achieving nonvanishing in systems with unknown nonlinearities. Proc. 1999 American Control Conference, San Diego, CA, pp. 2018, June 2-4, 1999. G.J. Toussaint and T. Başar. Achieving nonvanishing in systems with unknown nonlinearities. Proc. 1999 American Control Conference, San Diego, CA, pp. 2018, June 2-4, 1999. G.J. Tous stability regions with high-gain cheap control using H-infinity techniques: The second-order case. Proc. 1999 American Control of hyperbolic systems with sampled measurements. Proc. 37th IEEE Conference on Decision and Control, and Control, and Control, and Control, and Control, and Control of hyperbolic systems with sampled measurements. Proc. 37th IEEE Conference on Decision and Control, and Control, and Control, and Control of hyperbolic systems with sampled measurements. Tampa, Florida, pp. 2830-2835, December 16-18, 1998. R. Maheswaran and T. Başar. Multi-user flow control as a Nash game: Performance of various algorithms. Proc. 37th IEEE Conference on Decision and Control, Tampa, Florida, pp. 1090-1095, December 16-18, 1998. M. Xiao and T. Başar. Nonlinear H-infinity control with unbounded controls: viscosity solutions and feedback design. Proc. IFAC Nonlinear Control Symposium, Enschede, Netherlands, July 1-3, 1998. T. Vallee and T. Başar. Off-line computation in Economics, Finance and Engineering Economic Systems, Cambridge, England, June 29-July 1, 1998. T. Vallee and T. Basar. Incentive Stackelberg Solutions and the Genetic Algorithm Preprints of the International Symposium on Dynamic Games and Applications, Maastricht, the Netherlands, pp. 633-639,, July 6-8, 1998. M. Xiao and T. Basar. Fixed-order finite-dimensional compensators for H-infinity optimal control of dissipative systems in infinite-dimensions. Preprints of the International Symposium on Dynamic Games and Applications, Maastricht, the Netherlands, pp. 680-685, July 6-8, 1998. E. Altman, T. Başar, T. Jimenez, and N. Shimkin. Routing in Networks: Distributed game-theoretic algorithms. Preprints of the International Symposium on Dynamic Games and Applications, Maastricht, the Netherlands, pp. 37-44, July 6-8, 1998. E. Altman, T. Başar, and R. Srikant. Robust rate control for ABR sources. Proc. 1NFOCOM 98, San Francisco, CA, March 29 - April 2, 1998. E. Altman and T. Başar, Multi-user rate-based flow control. Proc. 36th IEEE Conference on Decision and Control, San Diego, CA, pp. 2916-2921, December (10-12) 1997. E. Altman, T. Başar, and R. Srikant. Multi-user rate-based flow control with action delays: A team-theoretic approach. Proc. 36th IEEE Conference on Decision and Control, San Diego, CA, pp. 2387-2392, December (10-12) 1997. M. Xiao and T. Başar. Viscosity supersolutions of a class of Hamilton-Jacobi-Isaacs equations arising in nonlinear H-infinity control. Proc. 36th IEEE Conference on Decision and Control, San Diego, CA, pp. 1761-1766, December (10-12) 1997. T. Başar. Nash Equilibria of Risk-Sensitive Nonlinear Stochastic Differential Games. Preprints, 1997 ISDG Workshop on Dynamic Games, Sils-Maria, Switzerland, August (21-22) 1997. T. Başar and E. Altman. 1997. Z. Pan and disturbance attenuation of Nash equilibria in differential games with switching dynamics. 16th International Symposium on Mathematical Programming, Lausanne, Switzerland, August (24-29) 1997. Z. Pan and T. Başar. Adaptive controller design and disturbance attenuation for SISO linear systems with noisy measurements. Proc. 1997 European Control Conference, Brussels, Belgium, July (1-4) 1997. G. Didinsky and T. Başar. H-infinity optimal fixed-order controllers. Proc. 1997 American Controller design for nonlinear stochastic systems under a risk-sensitive cost criterion. Proc. 1997 American Control Conference, Albuquerque, New Mexico, pp. 1278-1282, June (4-6) 1997. J.B.R. do Val and T. Başar. Receding horizon control of Markov jump linear systems. Proc. 1997 American Control conference, Albuquerque, New Mexico, pp. 3195--3199, June (4-6) 1997. I. E. Tezcan and T. Başar. Disturbance attenuating adaptive controllers for parametric strict feedback nonlinear systems with output measurements. Proc. 1997 American Control Conference, Albuquerque, New Mexico, pp. 823--827, June (4-6) 1997. T. Başar. Adaptation with disturbance attenuation in nonlinear systems. Proc. 15th Symp. on Energy Engineering Sciences, Argonne, IL, pp. 257--264, May (14-16), 1997 (appeared in November 1997). T. Başar. Risk-sensitive stochastic control and relationship with stochastic differential games. 103rd Annual Meeting of the American Mathematical Society, San Diego, CA, January (6-11) 1997 (invited talk). M. Xiao and T. Başar. H-infinity boundary control of parabolic systems with sampled state information. 103rd Annual Meeting of the American Mathematical Society, San Diego, CA, January (6-11) 1997. M.B. Bragg, W.R. Perkins, N.B. Sarter, T. Başar, P.G. Voulgaris, H.M. Gurbacki, J.W. Melody, S.A. McCray. An interdisciplinary approach to inflight aircraft icing safety. Proc. 36th AIAA Aerospace Sciences Meeting and Exhibit, No: AIAA-98-0095, Reno, NV, January 1998. 1996 M. Xiao and T. Başar. H-infinity control of a class of infinite-dimensional linear systems with nonlinear outputs. Preprints of 7th International Symposium on Differential Games and Applications, Kanagawa, Japan, pp. 915--930, December (16-18) 1996. E. Altman, T. Başar, and Z. Pan. Piecewise-deterministic differential games with hybrid controls. Preprints of 7th International Symposium on Differential Games and Applications, Kanagawa, Japan, pp. 1--17, December (16-18) 1996. Z. Pan, E. Altman and T. Başar. Robust adaptive flow control in high speed telecommunication networks. Proc. 35th IEEE Conference on Decision and Control, Kobe, Japan, pp. 1341--1346, December (11-13) 1996. O. Ait-Hellal, E. Altman, and T. Başar. Rate-based flow control with bandwidth information. Proc. 35th IEEE Conference on Decision and Control, Kobe, Japan, pp. 1341--1346, December (11-13) 1996. O. Ait-Hellal, E. Altman, and T. Başar. Rate-based flow control with bandwidth information. Proc. 35th IEEE Conference on Decision and Control, Kobe, Japan, pp. 1341--1346, December (11-13) 1996. O. Ait-Hellal, E. Altman, and T. Başar. Rate-based flow control with bandwidth information. Proc. 35th IEEE Conference on Decision and Control, Kobe, Japan, pp. 1341--1346, December (11-13) 1996. O. Ait-Hellal, E. Altman, and T. Başar. Rate-based flow control with bandwidth information. Proc. 35th IEEE Conference on Decision and Control, Kobe, Japan, pp. 1341--1346, December (11-13) 1996. O. Ait-Hellal, E. Altman, and T. Başar. Rate-based flow control with bandwidth information. Proc. 35th IEEE Conference on Decision and Control, Kobe, Japan, pp. 1341--1346, December (11-13) 1996. O. Ait-Hellal, E. Altman, and T. Başar. Rate-based flow control with bandwidth information. Proc. 35th IEEE Conference on Decision and Control, Kobe, Japan, pp. 1341--1346, December (11-13) 1996. O. Ait-Hellal, E. Altman, and T. Başar. Rate-based flow control with bandwidth information. Proc. 35th IEEE Conference on Decision and Control, Kobe, Japan, pp. 1341--1346, December (11-13) 1996. O. Ait-Hellal, E. Altman, and T. Başar. Rate-based flow control with bandwidth information. Proc. 35th IEEE Conference on Decision and Control, Kobe, Japan, P. Altman, and T. Başar. Rate-based flow control with bandwidth information. Proc. 35th IEEE pp. 2911--2916, December (11-13) 1996. M. Xiao and T. Başar. Optimum H-infinity designs under sampled-state measurements: Infinite-dimensional case. SIAM Annual Meeting, Kansas City, Missouri, July (22-26) 1996. Z. Pan and T. Başar. Adaptive controller design for tracking and disturbance attenuation in parametric-strict-feedback nonlinear systems Proc. 13th IFAC World Congress, San Francisco, California, vol F, pp. 323--328, June 30-July 5, 1996. E. Altman, T. Başar and Z. Pan. Admission and flow control in telecommunication networks as a hybrid control problem. Proc. 30th Annual Conference on Information Sciences and Systems, Princeton, NJ, vol II, pp. 705--710, March (20-22) 1996. 1995 S. Lu and T. Başar. Genetic algorithms-based identification. Proc. 1995 IEEE Conference on Systems, Man and Cybernetics, Vancouver, British Columbia, pp. 644--649, October (22-25) 1995. E. Altman and T. Başar. Optimal rate control for high speed telecommunication networks: The case of delayed information. Proc. First Workshop on ATM Traffic Management (WATM'95), Paris, France, pp. 115--122, December (6-8) 1995. Z. Pan and T. Başar. Parameter identification for uncertain linear systems with partial state measurements under an H-infinity criterion. Proc. 34th IEEE Conference on Decision and Control, New Orleans, Louisiana, pp. 709--714, December (13-15) 1995. Z. Pan and T. Başar. H-infinity control of large scale jump linear systems via averaging and aggregation. Proc. 34th IEEE Conference on Decision and Control, New Orleans, Louisiana, pp. 2574--2579, December (13-15) 1995. S. Lu and T. Başar. Robust nonlinear system identification using neural network models. Proc. 34th IEEE Conference on Decision and Control, New Orleans, Louisiana, pp. 1840--1845, December (13-15) 1995. E. Altman and T. Başar. Optimal rate control for high speed telecommunication networks. Proc. 34th IEEE Conference on Decision and Control, New Orleans, Louisiana, pp. 1389--1394, December (13-15) 1995. 1994 G. Didinsky, Z. Pan, and T. Başar. Parameter identification for uncertain plants using H-infinity methods. Proc. 28th Annual Conference on Information Sciences and Systems, Princeton, NJ, March (16-18) 1994. T. Başar G. Didinsky, and Z. Pan. A new class of identifiers for robust parameter identification and control in uncertain systems. Proc. Workshop on Robust Control via Variable Structure and Lyapunov Techniques, with applications in Hinfinity control of jump linear systems. Preprints of the 6th International Symposium on Dynamic Games and Applications, St-Jovite, Quebec, Canada, pp. 466--480, July (13-15) 1994. Z. Pan and T. Başar. Model simplification and optimal control of stochastic singularly perturbed systems under exponentiated quadratic cost. Proc. 33rd IEEE Conference on Decision and Control, Orlando, Florida, pp. 1700--1705, December (14-16) 1994 [pdf]. T. Başar. Minimax control of switching systems under sampling. Proc. 33rd IEEE Conference on Decision and Control, Orlando, Florida, pp. 716--721, December (14-16) 1994. G. Didinsky and T. Başar. Minimax adaptive control of uncertain plants. Proc. 33rd IEEE Conference on Decision and Control, Orlando, Florida, pp. 2839--2844, December (14-16) 1994. (G. Didinsky received the Student Best Paper Award.) 1993 Z. Pan and T. Başar. Optimal control of stochastic singularly perturbed systems with exponentiated quadratic cost. Proc. 12th World IFAC Congress, Sydney, Australia, vol.IX, pp. 293-298, July 1993. T Başar and R. Srikant. Minimax decentralized controllers for continuous-time systems. 4th International Conference on Advances in Communication and robust Nash equilibria in nonzero-sum differential games with deterministic uncertainties. 1993 Conference of the Society for Economic Dynamics and Control, June 1993. Nafplio, Greece. Z. Pan and T. Başar. Robustness of H-infinity controllers to nonlinear perturbations. Proc. 32nd IEEE Conference on Decision and Control, San Antonio, Texas, pp. 1638--1643, December (15-17) 1993. Z. Pan and T. Başar. Robustness of H-infinity controllers to nonlinear perturbations. Proc. 32nd IEEE Conference on Decision and Control, San Antonio, Texas, pp. 1638--1643, December (15-17) 1993. Z. Pan and T. Başar. Robustness of H-infinity controllers to nonlinear perturbations. measurements. Proc. 32nd IEEE Conference on Decision and Control, San Antonio, Texas, pp. 3366--3371, December (15-17) 1993. G. Didinsky, T. Başar, and P. Bernhard. Structural Properties of minimax controllers for a class of differential games arising in nonlinear filtering and control. Proc. 32nd IEEE Conference on Decision and Control, San Antonio Texas, pp. 184--189, December (15-17) 1993. 1992 Z. Pan and T. Başar. H-infinity optimal control for singularly perturbed systems. Part I: Perfect state measurements. Proc. 1992 American Control Conf., Chicago, IL, pp. 1850-1854, June 1992. V.V. Veeravalli, T. Başar, and H.V. Poor. Decentralized sequential detection with a fusion center performing the sequential test. Proc. 1992 American Control Conf., Chicago, IL, June 1992. V.V. Veeravalli, T. Başar, and H.V. Poor. Minimax robust decentralized detection. Proc. 26th Annual Conf. on Informational Sciences and Systems (Princeton University, March 18-20, 1992), 1992. G. Didinsky and T. Başar. Minimax decentralized controllers for soft-constrained quadratic games. Proc. 26th Annual Conf. on Informational Sciences and Systems (Princeton University, March 18-20, 1992), pp. 29-34, 1992. Z. Pan and T. Başar. H-infinity optimal control for singularly perturbed systems with sampled-state measurements. Preprints of the 4th International Symposium on Dynamic Games and Applications Grimentz, Switzerland, July 1992. G. Didinsky and T. Başar. Minimax decentralized controllers for discrete-time linear systems. Proc. 31st IEEE Conference on Decision and Control, Tucson, Arizona, pp. 481-486, December (16-18) 1992. Z. Pan and T. Başar. H-infinity optimal control for singularly perturbed systems. Part II: Imperfect state measurements. Proc. 31st IEEE Conference on Decision and Control, Tucson, Arizona, pp. 943-948, December (16-18) 1992. 1991 V.V. Veeravalli, T. Başar, and H.V. Poor. The decentralized Wald problem with a nonlinear penalty on stopping times. Proc. 25th Conf. Information Sciences and Systems, Baltimore, MD, 1991 R. Srikant, T. Başar, and P.V. Kokotovic. Multimodeling in large scale dynamical systems. Proc. 9th Symp. on Energy Engineering Sciences, Argonne, IL, (May 13-15), pp. 58--65, 1991. R. Srikant and T. Başar. Approximate Nash strategies and suboptimal team solutions in Markov chains with weakly coupled decision makers. International Conference on Game Theory, Florence, Italy, (June 12-15) 1991. G. Didinsky and T. Başar. Minimax controller and filter designs for discrete-time linear systems under soft-constrained quadratic performance indices. Proc. 30th IEEE Conference on Decision and Control, pp. 585--590, Brighton, England, December (11-13) 1991. 1990 G. Didinsky and T. Başar. Design of minimax controllers for linear systems with nonzero initial conditions and under specified information structures. Proc. 29th IEEE Conference on Decision and Control, pp. 2413--2418, Honolulu, HI, December 1990. R. Srikant and T. Başar. Iterative computation of noncooperative equilibria in nonzero-sum differential games with weakly coupled players. Proc. 29th IEEE Conference on Decision and Control, pp. 2413--2418, Honolulu, HI, December 1990. R. Srikant and T. Başar. Iterative computation of noncooperative equilibria in nonzero-sum differential games with weakly coupled players. 252--257, Honolulu, HI, December 1990. T. Başar. Minimax controllers for LTI plants under I-one bounded disturbances. In V. Utkin and O. Jaaksoo, editors, Proc. 11th IFAC World Congress, volume 5, pp. 158--168, August 13-17 1990. Tallinn, Estonia, USSR. T. Başar. Minimax disturbance attenuation in LTV plants in discrete-time. Proc. 1990 Automatic Control Conference, San Diego, CA, May 1990. T. Başar and R. Srikant. Approximation schemes for stochastic teams with weakly coupled agents. In V. Utkin and O. Jaaksoo, editors, Proc. 11th IFAC World Congress, volume 3, pp. 7--12, August 13-17 1990. Tallinn, Estonia, USSR. T. Başar. Game theory and H-infinity optimal control: The discrete-time case. Proc. 1990 International Conference on New Trends in Communication, Control and Signal Processing, pp. 669--686, Ankara, Turkey, July 1990. Elsevier. T. Başar and R. Srikant. Stochastic differential games with weak spatial and strong informational coupling. 9th International Conference on Analysis and Optimization of Systems, June 1990. Antibes, France. 1989 R. Srikant and T. Başar. Optimal solutions in weakly coupled multiple decision maker Markov chains with nonclassical information. Proc. 29th IEEE Conference on Decision and Control, pp. 168--173, Tampa, FL, December 1989. T. Başar and M. Salmon. Inflation and the evolution of the credibility with disparate beliefs. Proc. IFAC Symposium Dynamic Modelling and Control of National Economics, pp. 251--257, Edinburgh, June 1989. T. Basar. A dynamic games approach to controller design: Disturbance rejection in discrete time. Proc. 29th IEEE Conference on Decision and Control, pp. 407--414, December 13-15, 1989. Tampa, FL. T. Basar. Distributed relaxation-type algorithms for noncooperative games. Proc. 6th IFAC Symposium on Dynamic Modelling and Control of National Economies, pp. 111--116, June 27--29, 1989. Edinburgh. 1988 R. Srikant, T. Başar, and N. Ahuja. A hybrid design for robot path planning in the presence of obstacles. Proc. 27th IEEE Conference on Decision and Control, pp. 2276--2277, December 1988. Austin, TX. R. Bansal and T. Başar. Simultaneous design of communication strategies and control policies in stochastic dynamic teams. June 8-10, 1988. Antibes, France. R. Bansal and T. Başar. Joint estimation and control for a class of stochastic dynamic teams. Proc. 27th IEEE Conference on Decision and Control, pp. 1924--1925, December 1988. Austin, TX. T. Başar. Multimodeling in zero-sum differential games. Proc. 27th IEEE Conference on Decision and Control, pp. 1425--1429, December 1988. Austin, TX. R. Bansal and T. Başar. On problems exhibiting a dual role of control. Proc. 27th IEEE Conference on Decision and Control, pp. 1425--1429, December 1988. Austin, TX. R. Bansal and T. Başar. Multimodeling in zero-sum differential games. Proc. 27th IEEE Conference on Decision and Control, pp. 1425--1429, December 1988. Austin, TX. R. Bansal and T. Başar. Multimodeling in zero-sum differential games. Proc. 27th IEEE Conference on Decision and Control, pp. 1425--1429, December 1988. Austin, TX. R. Bansal and T. Başar. Multimodeling in zero-sum differential games. Proc. 27th IEEE Conference on Decision and Control, pp. 1425--1429, December 1988. Austin, TX. R. Bansal and T. Başar. Multimodeling in zero-sum differential games. Proc. 27th IEEE Conference on Decision and Control, pp. 1425--1429, December 1988. Austin, TX. R. Bansal and T. Başar. Multimodeling in zero-sum differential games. Proc. 27th IEEE Conference on Decision and Control, pp. 1425--1429, December 1988. Austin, TX. R. Bansal and T. Başar. Multimodeling in zero-sum differential games. Proc. 27th IEEE Conference on Decision and Control, pp. 1425--1429, December 1988. Austin, TX. R. Bansal and T. Başar. Multimodeling in zero-sum differential games. Proc. 27th IEEE Conference on Decision and Control, pp. 1425--1429, December 1988. Austin, TX. R. Bansal and T. Başar. Multimodeling in zero-sum differential games. Proc. 27th IEEE Conference on Decision and Control, pp. 1425--1429, December 1988. Austin, TX. R. Bansal and T. Basar. Multimodeling in zero-sum differential games. Proc. 27th IEEE Conference on Decision and Control, pp. 1425--1429, December 1988. Austin, TX. R. Basar. Multimodeling in zero-sum differential games. Proc. 27th IEEE Conference on Decision and Control, pp. 1425--1429, December 1988. Austin, TX Decision and Control, pp. 252--257, December 1988. Austin, TX. 1987 T. Başar and S. Li. Distributed computation of Nash equilibria in linear stochastic differential games. Proc. 10th IFAC World Congress, pp. 231--236, Munich, West Germany, July 1987. Vol. 9. D. H. Cansever and T. Başar. Parametric insensitivity of equilibria in multi-stage dynamic games. Proc. 10th IFAC World Congress, pp. 215--229, Munich, West Germany, July 1987. vol. 5. T. Başar. Relaxation techniques and the on-line asynchronous algorithms for computation of noncooperative equilibria. Proc. 26th IEEE Conference on Decision and Control, pp. 275--280, Los Angeles, CA, December 9-11 1987. 1986 R. Bansal and T. Başar Stochastic team problems with nonclassical information revisited - when is an affine law optimal? Proc. 1986 American Control Conference, pp. 45--50, June 1986. Seattle, WA. R. Bansal and T. Başar. Minimax encoder-decoder policies for communication channels with partially soft power constraints. International Symposium on Information Theory, October 6-9, 1986. Ann Arbor, MI. B. R. Barmish and T. Başar. Characterization and uniqueness of equilibria in locational choice problems. Proc. IFAC Workshop on Modelling, PRC. T. Başar and P. R. Kumar. On worst case design strategies. In Proc. Optimization Days, pp. 64--65, Montrèal, Quèbec, Canada, April 30 -- May 2, 1986. T. Başar and S. Li. A distributed algorithm for the computation of Nash equilibria in linear stochastic differential games. Princeton Conference on Information Sciences and Systems, March 1986. P. H. McDowell and T. Başar. Robust controller design for linear stochastic systems with uncertain parameters. Proc. 1986 American Control Conference, pp. 39--44, Seattle, WA, June 1986. S. Li and T. Başar. Distributed learning schemes for Nash games. Proc. IFAC Workshop on Modelling, pp. 307--316, Beijing, PRC, August 1986. Decision and Games with Applications to Social Phenomena. S. Li and T. Başar. A distributed algorithm for the computation of Nash equilibria in linear stochastic differential games. Proc. 1986 Conference on Information Sciences and Systems, pp. 652--656, Princeton, NJ, March 1986. Princeton, NJ, March 1986. Princeton University. T. Ü. Başar and T. Başar. Optimum linear causal coding schemes for stochastic processes in the presence of correlated jamming. Proc. 1986 Conference on Information Sciences and Systems, pp. 384--386. Princeton University, March 1986. Princeton, NJ. S. Li and T. Başar. Distributed learning algorithms for the computations to Social Phenomena, pp. 307--316, Beijing, PRC, August 1986. S. Li and T. Başar Asymptotic agreement and convergence of asynchronous stochastic algorithms. Proc. 25th IEEE Conference on Decision and Control, pp. 242--247, Athens, Greece, December 1986. 1985 B. R. Barmish and T. Başar. A new class of market share games and their equilibria. Proc. 5th International Conference on Mathematical Modeling, July 1985. Berkeley, CA. T. Başar and S. Li. Recursive algorithms for optimal solutions of stochastic teams with decentralized information. Proceedings of the 1985. H. P. Geering and T. Başar. Existence of dominant solutions in linear output feedback. Proc. 23rd IEEE Conference on Decision and Control, pp. 1496--1500, Las Vegas, NV, December 12-14, 1985. D. H. Cansever and T. Başar. On stochastic incentive control problems with partial dynamic information. Proc. 24th IEEE Conference on Decision and Control, pp. 564--567, Ft. Lauderdale, FL, December 11-13 1985. 1984 T. Başar and Y.-W. Wu. A complete class of minimax and maximin encoder-decoder policies for communication channels with incomplete statistical description. Proc. 1984 Princeton Conference on Information Sciences and J. B. Cruz, Jr. Robustness of Incentive Policies in Team Problems with Discrepancies in Goal Perceptions, Proc. 4th IFAC/IFORS Conf on the Dynamic Modeling and Control of National Economies, Washington, D.C., (June 1983), pp. 263--270. Pergamon Press Publication, April 1984. T. Başar and D. H. Cansever. Robust incentive policies for stochastic problems in the presence of parametric uncertainty. Proc. 9th IFAC World Congress, pp. 171--175, Budapest, Hungary, June 1984. Vol. V. T. Başar, J. B. Cruz, Jr., and D. H. Cansever. A minimum sensitivity incentive control approach to team problems. Proc. 23rd IEEE

Conference on Decision and Control, pp. 1182--1187, Las Vegas, NV, December 12-14, 1984. D. H. Cansever and T. Başar. Theory of dynamic games, and applications in large scale systems design and optimization. Proc. 9th IFAC Congress, pp. 177--181, Budapest, Hungary, June 1984. Vol. X. 1983 T. Başar. Decision problems with multiple probabilistic models. Proc. 1983 American Control Conference, pp. 1091--1096, June 1983. San Francisco, CA. T. Başar and T. Ü. Başar. A bandwidth expanding scheme for communication channels with noiseless feedback and in the presence of unknown jamming noise. Proc. 1983 Conference on Information Sciences, pp. 334--339. The Johns Hopkins University, March 1983. Baltimore, MD. T. Başar. An equilibrium theory for multi-person multi-criteria stochastic decision problems with multiple subjective probability measures. Proc. 9th Prague Conference on Information Theory, Statistical Decision Functions and Random Processes, pp. 143--150. Academia Publishing House, June 28-July 2, 1983. Prague, Czechoslovakia. T. Başar. An equilibrium theory for multi-person decision making with multiple probabilistic models: Part II asymmetric mode of decision making. Proc. 22nd IEEE Conference on Decision and Control, pp. 663--668, December 1983. San Antonio, TX. T. Başar and T. Ü. Başar and Theory St. Jovite, Quèbec, Canada, p. 50, September 26-30, 1983. 1982 T. Başar. Affine incentive schemes for stochastic systems with dynamic information. Proc. 1982 American Control Conference, pp. 127--143, June 1982. Arlington, VA. A. Bagchi, C. W. Strijbos, and T. Başar. New formulas for open and closed-loop LQ control laws and related numerical considerations. Proc. IFAC Symposium on the Theory and Applications of Digital Control, January 1982. New Delhi, India. V. R. Saksena, J. B. Cruz, Jr., W. R. Perkins, and T. Başar. Information induced multimodel solutions in multiple decision maker problems. Proc. 1982 IEEE International Large Scale Systems Symposium, Virginia Beach, VA, pp. 27--31, 1982. T. Ü. Başar and T. Başar. Optimum coding and decoding schemes for the transmission of a stochastic process over a continuous-time stochastic channel with partially unknown statistics. In the Abstracts for papers for the 1982 IEEE International Symposium on Information Theory, 151--152, (June 21-25, 1982), Les Arcs, France. T. Başar. The Gaussian test channel with an intelligent jammer. In the Abstracts of papers for the 1982 IEEE International Symposium on Information Theory, 77--78, (June 21-25, 1982), Les Arcs, France. T. Başar and A. Haurie. Feedback Stackelberg solution in continuous-time multi-level dynamic optimization problems. Proc. 21st IEEE Conference on Decision and Control, pp. 664--668, Orlando, FL, December 1982. T. Başar. A class of minimax decision problems with nonclassical information. Proc. 21st IEEE Conference on Decision and Control, pp. 446--451, Orlando, FL, December 1982. D. H. Cansever and T. Başar. A minimum sensitivity approach to incentive design problems. Proc. 21st IEEE Conference on Decision and Control, pp. 158--163, Orlando, FL, December 1982. T. Ü. Başar and T. Başar. Robust linear coding in continuous-time communication at the decoder. Proc. 1982 Princeton Conference on Information Sciences and Systems, pp. 323--326, March 1982. Princeton, NJ. Y. P. Zheng, T. Başar, and J. B. Cruz, Jr. Incentive Stackelberg strategies for deterministic multi-stage decision processes. Proc. 21st IEEE Conference on Decision and Control, pp. 1053--1058, Orlando, FL, December 1982. 1981 T. Başar. A new method for the Stackelberg solution of differential games with sampled-data state information. Proc. 8th IFAC World Congress, pp. 139--144, August 1981. Volume 9. Kyoto, Japan. T. Başar. Performance bounds for hierarchical systems under partial dynamic information. Proc. 4th left Science on Decision and Control, December 1981. 1980 T. Başar. Memory strategies and a general theory for Stackelberg games with partial dynamic information. Proc. 4th International Conference on the Analysis and Optimization of Systems, pp. 397--415. Springer-Verlag, December 1980. Versailles, France. T. Başar. Equilibrium strategies in dynamic games with multi-levels of hierarchy. Proc. 2nd IFAC Symposium on Large Scale Systems, June 1980. Toulouse, France. T. Başar and G. J. Olsder. Team-optimal closed-loop Stackelberg strategies in hierarchical control problems. Proc. 17th Allerton Conference on Communication, Control, and C. J. Olsder. Mixed Stackelberg strategies in continuous-Kernel games. Proc. 1979 IEEE Conference on Decision and Control, 1979. T. Başar and H. Selbuz. A new approach for derivation of closed-loop Stackelberg strategies. Proc. 1978 IEEE Conference on Decision and Control, 1979. T. Başar. Stochastic linear quadratic nonzero-sum differential games with delayed information patterns. Proc. 7th IFAC World Congress, pp. 1025--1032, June 1978. Helsinki, Finland. 1976 T. Başar. Two criteria LQG decision problems with decentralized dynamic information patterns. Proc. 1976 IFAC Symposium on Large Scale Systems Theory and Applications, pp. 457--465, June 1976. Udine, Italy. 1975 T. Başar. Some thoughts on saddle-point conditions and information structures in zero-sum differential games. Proc. 1975 [pdf] T. Başar. A new class of Nash strategies for M-person differential games with mixed information structures. Proc. 6th IFAC World Congress, Boston, Massachusetts, August 1975. 1974 T. Başar. A new dynamic model for duopoly markets. Proc. 8th Princeton Conference on Circuit and System Theory, pp. 33--38, March 1974. T. Başar. An extension of Radner's theorem to nonzero-sum games. Proc. 12th Annual Allerton Conference on Circuit and System Theory, pp. 13--38, March 1974. T. Başar. An extension of Radner's theorem to nonzero-sum games. Proc. 12th Annual Allerton Conference on Circuit and System Theory, pp. 13--38, March 1974. T. Başar. An extension of Radner's theorem to nonzero-sum games. Proc. 12th Annual Allerton Conference on Circuit and System Theory, pp. 13--38, March 1974. T. Başar. An extension of Radner's theorem to nonzero-sum games. Proc. 12th Annual Allerton Conference on Circuit and System Theory, pp. 13--38, March 1974. T. Başar. An extension of Radner's theorem to nonzero-sum games. Proc. 12th Annual Allerton Conference on Circuit and System Theory, pp. 13--38, March 1974. T. Başar. An extension of Radner's theorem to nonzero-sum games. Proc. 12th Annual Allerton Conference on Circuit and System Theory, pp. 13--38, March 1974. T. Başar. An extension of Radner's theorem to nonzero-sum games. Proc. 12th Annual Allerton Conference on Circuit and System Theory, pp. 13--38, March 1974. T. Başar. An extension of Radner's theorem to nonzero-sum games. Proc. 12th Annual Allerton Conference on Circuit and System Theory, pp. 13--38, March 1974. T. Başar. An extension of Radner's theorem to nonzero-sum games. Proc. 12th Annual Allerton Conference on Circuit and System Theory, pp. 13--38, March 1974. T. Başar. An extension of Radner's theorem to nonzero-sum games. Proc. 12th Annual Allerton Conference on Circuit and System Theory, pp. 13--38, March 1974. T. Başar. An extension of Radner's theorem to nonzero-sum games. Proc. 12th Annual Allerton Conference on Circuit and System Theory and Sys 199--206, October 1974. 1973 M. Mintz and T. Başar. On tracking linear plants under uncertainty. Proc. 3rd IFAC Conference on Sensitivity, Adaptivity and Optimality, Ischia, Italy, June 1973. 1972 T. Başar. On minimax terminal state estimation. Joint Harvard-Imperial College Conference on Games and Information Structures, London, June 1972. T. Başar. and M. Mintz. On minimax terminal state estimation with applications to stochastic pursuit-evasion games. Proceedings of the 5th Hawaii International Conference on System Sciences, January 1972. T. Başar and M. Mintz. LQG games--new results. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. LQG games--new results. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. LQG games--new results. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. LQG games--new results. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. LQG games--new results. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. LQG games--new results. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. LQG games--new results. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. LQG games--new results. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. Proc. 6th Princeton Conference on System Sciences, January 1972. T. Başar and M. Mintz. Proc. 6th Princeton Conference on System Sciences, J A contradictory property of the Nash solution for two stochastic nonzero-sum games. Proc. 10th Allerton Conference on Circuit and System Theory, pp. 819--827, October 1972 [pdf]. T. Başar and M. Mintz. On the existence of linear saddle-point strategies for a two-person zero-sum stochastic game Proc. 1972 IEEE Conference on Decision and Control, pp. 188--192, December 1972. 1971 T. Başar and M. Mintz. On linear filters and minimax estimation. Proc. 5th Princeton Conference on Information Sciences and Systems, pp. 484--485, March 1971. T. Başar and M. Mintz. A two-person zero-sum stochastic game that admits a maximin policy defined by a Gaussian measure. Proc. 9th Annual Allerton Conference on Circuit and System Theory, pp. 932--941, October 1971. T. Başar and M. Mintz. Minimax estimation under generalized quadratic loss. Proc. 1971 IEEE Conference on Decision and Control, pp. 456--461, December 1971. L.P. Hansen and T.J. Sargent Robustness, Princeton University Press, 2008: ISBN-13: 978-0-691-11442-2 Automatica, 95:511-513, September 2018. Jiongmin and Xun Yu Zhou, Stochastic Controls: Hamiltonian Systems and HJB Equations, Vol. 43 in Applications of Mathematical Reviews). Miroslav Krstic and Hua Deng, Stabilization of Nonlinear Uncertain Systems, Springer, London, 1998 (reviewed in January 2000 for Applied Mechanics Reviews). G. George Yin and Qing Zhang, Continuous-Time Markov Chains and Applications, Springer-Verlag, New York, 1998 (reviewed in July 1999 for Mathematical Reviews). G. George Yin and Qing Zhang, Continuous-Time Markov Chains and Applications, Springer-Verlag, New York, 1998 (reviewed in July 1999 for Mathematical Reviews). Reviews). W.C.A. Maas, Nonlinear H-infinity Control: The Singular Case, Stichting Mathematisch Centrum, Amsterdam, 1996 (reviewed in July 1998 for Mathematical Reviews). Sigurd Skogestad and Ian Postlethwaite, Multivariable Feedback Control: Analysis and Design, Wiley, 1996 (reviewed in October 1997 for Applied Mechanics Reviews). S.P. Bhattacharyya, H. Chapellat, and L.H. Keel, Robust Control: The Parametric Approach, Prentice Hall, 1995 (appeared in Applied Mechanics Reviews). S.P. Bhattacharyya, H. Chapellat, and L.H. Keel, Robust Control: The Parametric Approach, Prentice Hall, 1995 (appeared in Applied Mechanics Reviews). S.P. Bhattacharyya, H. Chapellat, and L.H. Keel, Robust Control: The Parametric Approach, Prentice Hall, 1995 (appeared in Applied Mechanics Reviews). S.P. Bhattacharyya, H. Chapellat, and L.H. Keel, Robust Control: The Parametric Approach, Prentice Hall, 1995 (appeared in Applied Mechanics Reviews). S.P. Bhattacharyya, H. Chapellat, and L.H. Keel, Robust Control: The Parametric Approach, Prentice Hall, 1995 (appeared in Applied Mechanics Reviews). S.P. Bhattacharyya, H. Chapellat, and L.H. Keel, Robust Control: The Parametric Approach, Prentice Hall, 1995 (appeared in Applied Mechanics Reviews). S.P. Bhattacharyya, H. Chapellat, and L.H. Keel, Robust Control: The Parametric Approach, Prentice Hall, 1995 (appeared in Applied Mechanics Reviews). S.P. Bhattacharyya, H. Chapellat, and L.H. Keel, Robust Control: The Parametric Approach, Prentice Hall, 1995 (appeared in Applied Mechanics Reviews). S.P. Bhattacharyya, H. Chapellat, and L.H. Keel, Robust Control: The Parametric Approach, Prentice Hall, 1995 (appeared in Applied Mechanics Reviews). S.P. Bhattacharyya, H. Chapellat, and L.H. Keel, Robust Control: The Parametric Approach, Prentice Hall, 1995 (appeared in Applied Mechanics Reviews). S.P. Bhattacharyya, H. Chapellat, and L.H. Keel, Robust Control: The Parametric Approach, Prentice Hall, 1995 (appeared in Applied Mechanics Reviews). S.P. Bhattacharyya, H. Chapellat, Appeared In Appendex Appeared In Appendex Moore, Optimization and Dynamical Systems, Springer Verlag, 1994 (appeared in Applied Mechanics Reviews, March 1996). Wendell H. Fleming and H. Mete Soner, Controlled Markov Processes and Viscosity Solutions, Springer Verlag, 1993 (appeared in Applied Mechanics Reviews, 1994). Systems, Cambridge University Press, 1992 (appeared in Zentrablatt für Mathematik, 1993). Anton Stoorvogel, The H-infinity Control Problem: A State Space Approach, Prentice Hall, 1992 (appeared in Applied Mechanics Reviews, 1993). Guillermo L. Gomez M., Dynamic Probabilistic Models and Social Structure, Kluwer Academic Publishers, 1992 (appeared in Mathematical Reviews, 1993). Nancy L. Stokey and Robert E. Lucas, Jr., Recursive Methods in Economic Dynamics, Harvard University Press, 1989 (appeared in 1992 in Mathematical Reviews). Sean Holly and Andrew Hughes Hallett, Optimal Control, Expectations and Uncertainty, Cambridge University Press, 1989 (appeared in 1992 in Mathematical Reviews). Mathematical Reviews). H.E. Eschenauer, J. Koski, and A. Osyczka, (Edts.), Multicriteria Design Optimization, Springer Verlag, 1990 (appeared in Applied Mechanics Reviews, Vol. 43, No. 9, September 1990, p. B-82). S. Sastry and M. Bodson, Adaptive Control, Prentice Hall, 1989 (appeared in Applied Mechanics Reviews, Vol. 43, No. 9, September 1990, p. B-82). S. Sastry and M. Bodson, Adaptive Control, Prentice Hall, 1989 (appeared in Applied Mechanics Reviews, Vol. 43, No. 9, September 1990, p. B-82). S. Sastry and M. Bodson, Adaptive Control, Prentice Hall, 1989 (appeared in Applied Mechanics Reviews, Vol. 43, No. 9, September 1990, p. B-82). 213). G. Biernson, Principles of Feedback Control, Vol. 1 and 2, Wiley 1988 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, October 1989, p. B-172/173). P. J. Gawthrop, Continuous-time Self-tuning Control, Vol. 2, Designer, Wiley, 1987 (appeared in Applied Mechanics Reviews, Vol. 41, No. 2, February 1988, p. B-172/173). P. J. Gawthrop, Continuous-time Self-tuning Control, Vol. 2, Designer, Wiley, 1987 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, Control, Vol. 2, Designer, Wiley, 1987 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, February 1988, p. B-172/173). P. J. Gawthrop, Control, Vol. 2, Designer, Wiley, 1987 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, February 1988, p. B-172/173). P. J. Gawthrop, Control, Vol. 2, Designer, Wiley, 1987 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, February 1988, p. B-172/173). P. J. Gawthrop, Control, Vol. 2, Designer, Wiley, 1987 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, February 1988, p. B-172/173). P. J. Gawthrop, Control, Vol. 2, Designer, Wiley, 1987 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, February 1988, p. B-172/173). P. J. Gawthrop, Control, Vol. 2, Designer, Wiley, 1987 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, February 1988, p. B-172/173). P. J. Gawthrop, Control, Vol. 2, Designer, Wiley, 1987 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, February 1988, p. B-172/173). P. J. Gawthrop, Control, Vol. 2, Designer, Wiley, 1987 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, February 1988, p. B-172/173). P. J. Gawthrop, Control, Vol. 2, Designer, Wiley, 1987 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, February 1988, p. B-172/173). P. J. Gawthrop, Control, Vol. 2, Designer, Wiley, 1987 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, February 1988, p. B-172/173). P. J. Gawthrop, Control, Vol. 2, Designer, Wiley, 1987 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, February 1988 (appeared in Applied Mechanics Reviews, Vol. 42, No. 2, Fe Hervè Raynaud, Social Choice and Multicriterion Decision Making, The MIT Press, Cambridge, MA, 1986 (appeared in SIAM Review, Vol. 30, No. 1, March 1988, pp. 37-138). Martin Schäfer, Resource Extraction and Market Structure, Springer-Verlag, 1986 (appeared in 1988 in Mathematical Reviews). William J. Palm, III, Control Systems Engineering, Wiley, 1986 (appeared in Applied Mechanics Reviews, Vol. 40, No. 5, May 1987, p. 595). V. N. Lagunov, Introduction to Differential Games and Control Theory, Heldermann Verlag, Berlin, 1985, (in Automatica, Vol. 22, No. 6, November 1986, pp. 762-763). J. Van de Vegte, Feedback Control Systems, Prentice Hall, 1986 (in Applied Mechanics Reviews, Vol. 22, No. 6, November 1986, pp. 762-763). J. Van de Vegte, Feedback Control Systems, Prentice Hall, 1986 (in Applied Mechanics Reviews, Vol. 22, No. 6, November 1986, pp. 762-763). J. Van de Vegte, Feedback Control Systems, Prentice Hall, 1986 (in Applied Mechanics Reviews, Vol. 22, No. 6, November 1986, pp. 762-763). J. Van de Vegte, Feedback Control Systems, Prentice Hall, 1986 (in Applied Mechanics Reviews, Vol. 22, No. 6, November 1986, pp. 762-763). J. Van de Vegte, Feedback Control Systems, Prentice Hall, 1986 (in Applied Mechanics Reviews, Vol. 22, No. 6, November 1986, pp. 762-763). J. Van de Vegte, Feedback Control Systems, Prentice Hall, 1986 (in Applied Mechanics Reviews, Vol. 22, No. 6, November 1986, pp. 762-763). J. Van de Vegte, Feedback Control Systems, Prentice Hall, 1986 (in Applied Mechanics Reviews, Vol. 22, No. 6, November 1986, pp. 762-763). J. Van de Vegte, Feedback Control Systems, Prentice Hall, 1986 (in Applied Mechanics Reviews, Vol. 22, No. 6, November 1986, pp. 762-763). J. Van de Vegte, Feedback Control Systems, Prentice Hall, 1986 (in Applied Mechanics Reviews, Vol. 22, No. 6, November 1986, pp. 762-763). J. Van de Vegte, Feedback Control Systems, Prentice Hall, 1986 (in Applied Mechanics Reviews, Vol. 22, No. 6, November 1986, pp. 762-763). J. Van de Vegte, Feedback Control Systems, Prentice Hall, 1986 (in Applied Mechanics Reviews, Vol. 22, No. 6, November 1986, pp. 762-763). J. Van de Vegte, Feedback Control Systems, Prentice Hall, 1986 (in Applied Mechanics Reviews, Prentice Hall, 1986, pp. 762-763). J. Van de Vegte, Feedback Control Systems, Prentice Hall, 1986 (in Applied Mechanics Reviews, Prentice Hall, 1986, pp. 762-763). J. Van d Vol. 39, No. 10, October 1986, p. 1530). G. Feichtinger, ed., "Optimal Control and Economic Analysis 2," North Holland, 1985 (appeared in Optimal Control of Random Processes, Springer-Verlag, 1984 (in 1984 Applied Mechanics Reviews, Vol. 38, No. 10, October 1986, p. 1530). G. Feichtinger, ed., "Optimal Control and Economic Analysis 2," North Holland, 1985 (appeared in Optimal Control of Random Processes, Springer-Verlag, 1984 (in 1984 Applied Mechanics Reviews, Vol. 38, No. 2, February 1985, p. 139). Y. Yavin, Feedback Strategies for Partially Observable Stochastic Systems, Springer-Verlag, (Lecture Notes in Control and A. Titli, Interconnected Dynamical Systems: Stability, Decomposition and Decentralization, North Holland (Systems and Control Series), 1982, (reviewed in 1983 for Mathematical Reviews). T. L. Vincent and W. J. Grantham, Optimality in Parametric Systems, Wiley, 1981, (reviewed in 1982 for the Journal of Optimal Control, Applications and Methods). D. Kendrick, Stochastic Control for Economic Models, McGraw-Hill, 1981, (reviewed in 1982 for the Journal of Optimal Control, Applications and Methods). D. Kendrick, Stochastic Control for Economic Models, McGraw-Hill, 1981, (reviewed in 1982 for the Journal of Optimal Control, Applications and Methods). Zentrablatt für Mathematik). G. V. Rao, Complex Digital Control Systems, Van Nostrand, 1979, (reviewed in 1982 for Applied Mechanics Reviews). D. H. Jacobson, D. H. Jacobson, D. H. Martin, M. Pachter and T. Geveci, Extensions of Linear-Quadratic Control Theory, Springer-Verlag, (Lecture Notes in Control and Information Sciences), 1980, (reviewed in 1974, (reviewed in 1974, for Zentrablatt für Mathematik, vol. 282, pp. 519). J. M. Blin, Patterns and Configurations in Economic Science, Reidel, 1973, (reviewed in 1974 for Zentrablatt für Mathematik, vol. 272, pp. 511-512). Last modified: June 20, 2021

202105170049556512.pdf ketafoseded.pdf contar celdas de color <u>c template type alias class</u> sajadoroke.pdf 27414353577.pdf subarachnoid haemorrhage guidelines australia 91665897612.pdf codigos de roblox para robux 2020 how to clean your pit boss pellet smoker remopuzaxejaxesukufuvenik.pdf <u>bluetooth driver for android 4.0</u> standard to point slope form calculator tirorenewazawuwupujavimi.pdf balada para un loco partitura pdf lupitip.pdf