

Wykaz publikacji naukowych

1. Equilibrium in a dynamic game of capital accumulation with the overtaking criterion. *Economics Letters* **99** (2008), 233-237.
2. (with L. Balbus) Existence of perfect equilibria in a class of multigenerational stochastic games of capital accumulation. *Automatica* **44**, No. 6 (2008). Special issue on *Stochastic Modeling, Control, and Robust Optimization at the Crossroads of Engineering, Environmental Economics, and Finance*, edited by A. Haurie and R. Malhamé.
3. (with L. Balbus) Nash equilibria in constrained stochastic games of resource extraction. *International Game Theory Review* **10** (2008), 25-35.
4. On stochastic games in economics. *Mathematical Methods of Operations Research* **66** (2007), 513-530.
5. (with P. Więcek) On Nikaido-Isoda type theorems for discounted stochastic games. *Journal of Mathematical Analysis and Applications* **332** (2007), 1109-1118.
6. (with A. Jaśkiewicz) Average optimality for semi-Markov control processes. *Morfismos* **11** (2007), 15-36.
7. A note on an equilibrium in the great fish war game. *Economics Bulletin* **17** (2006), 1-11.
8. On perfect equilibria in stochastic models of growth with intergenerational altruism. *Economic Theory* **28** (2006), 73-83.
9. A multigenerational dynamic game of resource extraction. *Mathematical Social Sciences* **51** (2006), 327-336.
10. Remarks on sensitive equilibria in stochastic games with additive reward and transition structure. *Mathematical Methods of Operations Research* **64** (2006), 481-494.
11. (with A. Jaśkiewicz) On the optimality equation for average cost Markov control processes with Feller transition probabilities. *Journal of Mathematical Analysis and Applications* **316** (2006), 495-509.
12. (with A. Jaśkiewicz) Zero-sum ergodic stochastic games with Feller transition probabilities. *SIAM Journal on Control and Optimization* **45** (2006), 773-789.
13. (with A. Jaśkiewicz) Optimality in Feller semi-Markov control processes. *Operations Research Letters* **34** (2006), 713-718.
14. (with A. Jaśkiewicz) Approximation of noncooperative semi-Markov games. *Journal of Optimization Theory and Applications* **131** (2006), 113-131.

15. A.S. Nowak and K. Szajowski, Eds. *Advances in Dynamic Games: Applications to Economics, Finance, Optimization, and Stochastic Control*. Annals of the International Society of Dynamic Games, vol **7** (2005), Birkhäuser, Boston. (appr. 700 pages) ISBN 0-8176-4362-1
16. (with A. Jaśkiewicz) Nonzero-sum semi-Markov games with the expected average payoffs. *Mathematical Methods of Operations Research* **62** (2005), 23-40.
17. Notes on risk-sensitive Nash equilibria. In: *Advances in Dynamic Games: Applications to Economics, Finance, Optimization, and Stochastic Control* (A.S. Nowak and K. Szajowski, eds.), Annals of the International Society of Dynamic Games (Birkhäuser, Boston), vol **7** (2005), pp. 95-109.
18. (with A. Jaśkiewicz) Zero-sum ergodic stochastic games. Proc. of the 44th IEEE Conference on Decision and Control, and the European Control Conference 2005, Seville, Spain, Dec. 12-15, 2005, pp. 1741-1746.
19. (with L. Balbus) Construction of Nash equilibria in symmetric stochastic games of capital accumulation. *Mathematical Methods of Operations Research* **60** (2004), 267-277.
20. On a new class of nonzero-sum discounted stochastic games having stationary Nash equilibrium points. *International Journal of Game Theory* **32** (2003), 121-132.
21. Zero-sum stochastic games with Borel state spaces. In: *Stochastic Games and Applications* (A. Neyman and S. Sorin, eds.), NATO Science Series C, Mathematical and Physical Sciences vol. **570**, Kluwer Academic Publishers, Dordrecht, 2003, pp. 77-91.
22. N-person stochastic games: extensions of the finite state space case and correlation. In: *Stochastic Games and Applications* (A. Neyman and S. Sorin, eds.), NATO Science Series C, Mathematical and Physical Sciences vol. **570**, Kluwer Academic Publishers, Dordrecht, 2003, pp. 93-106.
23. (with P. Szajowski) On Nash equilibria in stochastic games of capital accumulation. *Game Theory and Applications* (L.A. Petrosjan and V.V. Mazalov, eds.), (Nova, New York) **9** (2003), pp. 118-129.
24. (with E. Altman) ε -Equilibria for stochastic games with uncountable state space and unbounded costs. *SIAM Journal on Control Optimization* **40** (2002), 1821-1839.
25. (with A. Jaśkiewicz) On the optimality equation for zero-sum ergodic stochastic games. *Mathematical Methods of Operations Research* **54** (2001), 291-301.
26. (with T. Radzik) An alternative characterization of the weighted Banzhaf value. *International Journal of Game Theory* **27** (2000), 127-132.

27. Some remarks on equilibria in semi-Markov games. *Applicationes Mathematicae* **27** (2000), 385–394.
28. A note on strong 1-optimal policies in Markov decision chains with unbounded costs. *Mathematical Methods of Operations Research* **49** (1999), 475–482.
29. Sensitive equilibria for ergodic stochastic games with countable state spaces. *Mathematical Methods of Operations Research* **50** (1999), 65–76.
30. Optimal strategies in a class of zero-sum ergodic stochastic games. *Mathematical Methods of Operations Research* **50** (1999), 399–419.
31. On approximations of nonzero-sum uniformly continuous ergodic stochastic games. *Applicationes Mathematicae* **26** (1999), 221–228.
32. (with O. Vega-Amaya) A counterexample on overtaking optimality. *Mathematical Methods of Operations Research* **49** (1999), 435–439.
33. (with K. Szajowski) Nonzero-sum stochastic games. *Annals of the International Society of Dynamic Games* (Birkhäuser, Boston) **4** (1999), 297–342.
34. A generalization of Ueno’s inequality for n-step transition probabilities. *Applicationes Mathematicae* **25** (1998), 295–299.
35. On an axiomatization of the Banzhaf value without the additivity axiom. *International Journal of Game Theory* **26** (1997), 137–141.
36. (with T. Radzik oraz T. Driessen) Weighted Banzhaf values. *Mathematical Methods of Operations Research* **45** (1997), 109–118.
37. (with T. Radzik) On convex combinations of two values. *Applicationes Mathematicae* **24** (1996), 47–56.
38. (with T. Radzik) On axiomatizations of the weighted Shapley values. *Games and Economic Behavior* **8** (1995), 389–405.
39. (with T. Radzik) The Shapley value for n-person games in generalized characteristic function form. *Games and Economic Behavior* **6** (1994), 150–161.
40. Zero-sum average payoff stochastic games with general state space. *Games and Economic Behavior* **7** (1994), 221–232.
41. (with T. Radzik) A solidarity value for n-person transferable utility games. *International Journal of Game Theory* **23** (1994), 43–48.
42. Stationary equilibria for average payoff ergodic stochastic games with general state space. *Annals of the International Society of Dynamic Games* (Birkhäuser) **1** (1994), 231–246.

43. Correlated equilibria in nonzero-sum differential games. *Journal of Mathematical Analysis and Applications* **174** (1993), 539–549.
44. Correlated equilibria in nonzero-sum stochastic games. Proc. of Oper. Res. Symposium (Sept. 1992, Hamburg). Physica-Verlag, New York, 1993, pp.428-431.
45. (with T.E.S. Raghavan) A finite step algorithm via a bimatrix game to a single controller nonzero-sum stochastic game. *Mathematical Programming Ser. A* **59** (1993), 249–259.
46. (with T.E.S. Raghavan) Existence of stationary correlated equilibria with symmetric information for discounted stochastic games. *Mathematics of Operations Research* **17** (1992) 519–526.
47. Correlated relaxed equilibria in nonzero-sum linear differential games. *Journal of Mathematical Analysis and Applications* **163** (1992), 104–112.
48. Existence of correlated weak equilibria in discontinuous games. In: *Equilibrium Theory in Infinite Dimensional Spaces*, (Ali M. Khan, N.C. Yannellis, eds.), Springer-Verlag, New York, 1991, pp. 281-287.
49. Existence of correlated weak equilibria in discounted stochastic games with general state space. *Stochastic Games and Related Topics, Shapley Honor Volume*, Kluwer Publishers, Dordrecht, 1991, pp. 135-143.
50. (with T.E.S. Raghavan) Positive stochastic games and a theorem of Ornstein. *Stochastic Games and Related Topics, Shapley Honor Volume*, Kluwer Publishers, Dordrecht, 1991, pp. 127-134.
51. Semicontinuous nonstationary stochastic games II. *Journal of Mathematical Analysis and Applications* **148** (1990), 22–43.
52. Zero-sum nonstationary stochastic games with general state space. In: *Game Theory and Applications* (T. Ichiishi, A. Neyman, and Y. Tauman, eds.), Academic Press, New York, 1990, pp. 393-397.
53. (with T. Radzik) On weakly correlated and correlated equilibria in discontinuous games. *Optimization* **21** (1990), 805–811.
54. Existence of optimal strategies in zero-sum nonstationary stochastic games with lack of information on both sides. *SIAM Journal on Control and Optimization* **27** (1989), 289–295.
55. On the weak topology on a space of probability measures induced by policies. *Bulletin of the Polish Academy of Sciences, Ser. Mathematics* **36** (1988), 182–186.

56. Nonrandomized strategy equilibria in noncooperative stochastic games with additive transition and reward structure. *Journal of Optimization Theory and Applications* **52** (1987), 429–441.
57. Semicontinuous nonstationary stochastic games. *Journal of Mathematical Analysis and Applications* **117** (1986), 84–99.
58. Universally measurable strategies in zero-sum stochastic games. *Annals of Probability* **13** (1985), 269–287.
59. Existence of equilibrium stationary strategies in discounted noncooperative stochastic games with uncountable state space. *Journal of Optimization Theory and Applications* **45** (1985), 591–602.
60. Measurable selection theorems for minimax stochastic optimization problems. *SIAM Journal on Control and Optimization* **23** (1985), 466–476.
61. On zero-sum stochastic games with general state space, I. *Probability and Mathematical Statistics* **4** (1984), 13–32.
62. On zero-sum stochastic games with general state space, II. *Probability and Mathematical Statistics* **4** (1984), 143–152.
63. Minimax selection theorems. *Journal of Mathematical Analysis and Applications* **103** (1984), 106–116.
64. Approximation theorems for zero-sum nonstationary stochastic games. *Proceedings of the American Mathematical Society* **92** (1984), 418–424.
65. Noncooperative nonstationary stochastic games. *Opsearch* **21** (1984), 199–208.