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Papers Published in Peer-Reviewed Journals (Also UGC listed):

1. Neogy, S. K., Gupta, A. and **Mondal, P.** (2024). More on Scarf's Complementarity Problem and Its Error Bounds. **Asia-Pacific Journal of Operational Research**. World Scientific Publishing Co. & Operational Research Society of Singapore, ISSN: 0217-5959 (P), 1793-7019 (O), I.F. 1.4 (2022), DOI: 10.1142/S0217595924500271.
2. **Mondal, P.** (2024). A Note on Zero-Sum Two-Person Undiscounted One Player Control Semi-Markov Games. **International Game Theory Review**. World Scientific Publishing Company, ISSN: 0219-1989 (P), 1793-6675 (O), IF: 0.4 (2024), DOI: 10.1142/S0219198924500051, 26(3), 2450005-1—2450005-8.
3. **Mondal, P.** (2022). Discounted Semi-Markov Games and Algorithms for Solving Two Structured Classes. **International Game Theory Review**. World Scientific Publishing Company, ISSN: 0219-1989 (P), 1793-6675 (O), IF: 0.3 (2022), DOI: 10.1142/S0219198921500067, 24(1), 2150006-1—2150006-25.
4. **Mondal, P.**, Neogy, S. K., Gupta, A. and Ghorui, D. (2020). A Policy Improvement Algorithm for Solving a Mixture Class of Perfect Information and AR-AT Semi-Markov Games. **International Game Theory Review**, World Scientific Publishing Company, ISSN: 0219-1989 (P), 1793-6675 (O), IF: 0.3 (2022), DOI: 10.1142/S0219198920400083, 22(2), 204008-1—204008-19.
5. **Mondal, P.** (2020). Computing Semi-Stationary Optimal Policies for Multichain Semi-Markov Decision Processes. **Annals of Operations Research**, Springer, ISSN: 0254-5330 (P), 1572-9338 (O), I.F. 4.8 (2022), DOI: 10.1007/s10479-017-2686-x, 287(2), 843–865.

6. Neogy, S. K., **Mondal, P.**, Gupta, A. and Ghorui, D. (2018). On Solving Mean Payoff Games using Pivoting Algorithms. **Asia-Pacific Journal of Operational Research**, World Scientific Publishing Co. & Operational Research Society of Singapore, ISSN: 0217-5959 (P), 1793-7019 (O), I.F. 1.4 (2022), DOI: 10.1142/S0217595918500355, 35(5), 1850035-1—1850035-26.
7. Sinha, S. and **Mondal, P.** (2017). Semi-Markov Decision Processes with Limiting Ratio Average Rewards. **Journal of Mathematical Analysis and Applications**, Elsevier, ISSN: 0022-247X (P), 1096-0813 (O), I.F. 1.188 (2018), DOI: 10.1016/j.jmaa.2017.06.017, 455(1), 864-871.
8. **Mondal, P.** (2017). On Zero-Sum Two-Person Undiscounted Semi-Markov Games with a Multichain Structure. **Advances in Applied Probability**, ISSN: 0001-8678 (P), 1475-6064 (O). I.F. 0.822 (2018), DOI: 10.1017/apr.2017.23, 49(3), 826-849.
9. **Mondal, P.** (2018). Completely Mixed Strategies for Single Controller Unichain Semi-Markov Games with Undiscounted Payoffs. **Operational Research - An International Journal**, Springer, ISSN: 1109-2858 (P), 1866-1505 (O), I.F. 1.485 (2018). DOI: 10.1007/s12351-016-0272-7, 18(2), 451-468.
10. **Mondal, P.**, Neogy S. K., Sinha, S. and Ghorui, D. (2017). Completely Mixed Strategies for Two Structured Classes of Semi-Markov Games, Principal Pivot Transform and Its Generalizations. **Applied Mathematics & Optimization**, Springer, ISSN: 0095-4616 (P), 1432-0606 (O), I.F. 1.895 (2018). DOI: 10.1007/s00245-016-9362-4, 76(3), 593-619.
11. **Mondal, P.** (2016). On Undiscounted Semi-Markov Decision Processes with Absorbing States. **Mathematical Methods of Operations Research**, Springer, ISSN: 1432-2994 (P), 1432-5217 (O), I. F. 1.023 (2018), DOI: 10.1007/s00186-015-0524-y, 83(2), 161-177.

12. **Mondal, P.**, Sinha, S., Neogy, S. K. and Das, A. K. (2016). On Discounted AR-AT Semi-Markov Games and Its Complementarity Formulations, **International Journal of Game Theory**, Springer, ISSN: 0020-7276 (P), 1432-1270 (O), I.F. 0.615 (2018), DOI: 10.1007/s00182-015-0470-1, 45(3), 567-583.
13. **Mondal, P.** (2015). Linear Programming and Zero-Sum Two-Person Undiscounted Semi-Markov Games. **Asia-Pacific Journal of Operational Research**. World Scientific Publishing Co. & Operational Research Society of Singapore, ISSN: 0217-5959 (P), 1793-7019 (O), I.F. 0.561 (2018), DOI: 10.1142/S0217595915500438. 32(6), 1550043-1—1550043-20.
14. **Mondal, P.** and Sinha, S. (2015). Ordered Field Property for Semi-Markov Games when One Player Controls Transition Probabilities and Transition Times, **International Game Theory Review**, World Scientific Publishing Company, ISSN: 0219-1989 (P), 1793-6675 (O), IF: 0.3 (2022), DOI: 10.1142/S0219198915400228, 17(2), 1540022-1--1540022-26.
15. **Mondal, P.** and Sinha, S. (2013). Ordered Field Property in a Subclass of Finite SeR-SIT Semi-Markov Games, **International Game Theory Review**, World Scientific Publishing Company, ISSN: 0219-1989 (P), 1793-6675 (O), IF: 0.3 (2022), DOI: 10.1142/S0219198913400264, 15(4), 1340026-1--1340026-20.

Published in Conference Proceedings:

1. **Mondal, P.**, Sinha, S. (2020). Semi-stationary Equilibrium Strategies in Non-cooperative N-person Semi-Markov Games. In: Roy P., Cao X., Li XZ., Das P., Deo S. (eds) *Mathematical Analysis and Applications in Modeling*. ICMAAM 2018. Springer Proceedings in Mathematics & Statistics, Springer, Singapore, DOI: 10.1007/978-981-15-0422-8_28, 302, 331-343.