

LIST OF PUBLICATIONS

1. A. Upadhayay, D. Ghosh, Q.H. Ansari, Jauny, Augmented Lagrangian cone method for multiobjective optimization problems with an application to an optimal control problem, *Optimization and Engineering*, 2022, vol. 24, no. 3, pp. 1633–1665. <https://doi.org/10.1007/s11081-022-09747-y>
2. A. Upadhayay, D. Ghosh, Jauny, Jen-chih Yao, Xiaopeng Zhao, A nonmonotone conditional gradient method for multiobjective optimization problems, *Soft Computing*, 2024, pp. 1–22. <https://doi.org/10.1007/s00500-024-09806-9>
3. D. Ghosh, A. Upadhayay, Z-Y Peng, Jauny, A projection-type hybrid conjugate gradient method for multiobjective optimization problems with application to an SIR model, *Accepted in Journal of Nonlinear and Convex Analysis*.
4. A. Upadhayay, D. Ghosh, Q.H. Ansari, Jen-chih Yao, Xiaopeng Zhao, A nonmonotone Polak-Ribière-Polyak conjugate gradient method for multiobjective optimization problems, *Submitted in Journal of Computational and Applied Mathematics* .
5. A. Upadhayay, D. Ghosh, Krishan Kumar, Nonmonotone Wolfe-type quasi-Newton methods for multiobjective optimization problems, *Revision Submitted in Optimization* .

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