NUMTA 2023 Special Session on

Variational analysis and optimization methods with applications in finance and economics

Special Session Organizers:

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In the modeling of many processes in Industry and Economy in order to make decisions, it is not always possible to have the full information about the parameters and variables involved. The purpose of this session is to promote and show new and recent methods of Variational Analysis and Optimization applied to decision models.

The list of topics in this session includes, but not limited to:

- Nonlinear Optimization
- Variational Inequalities
- Dynamic Competitive Economic Equilibrium
- Agent-Based Models Exhibiting Spatial Aggregation Problems
- Multi-Objective Mathematical Programming
- Convex and Nonsmooth Optimization
- Modeling of Processes under Uncertainty
- Efficiency in Optimization under Uncertainty.