## **Department of Mathematics**

## **Optimization**

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My research area is mainly in continuous optimization with side interests in nonsmooth analysis and operations research.

My publications include around 135 journal articles and one monograph, titled "SOC Functions and Their Applications", Springer Optimization and Its Applications 143, Springer, 2019.





## SOC Functions and Their Applications

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## **Research Focus**

- Symmetric Cone Optimization
- Nonsymmetric Cone Optimization
- Complementarity Functions in Optimization
- Optimization in Data Science

