



复旦大学数学科学学院 数学综合报告会

报告题目: Nonexpansive Operators for Convex Optimization Algorithms

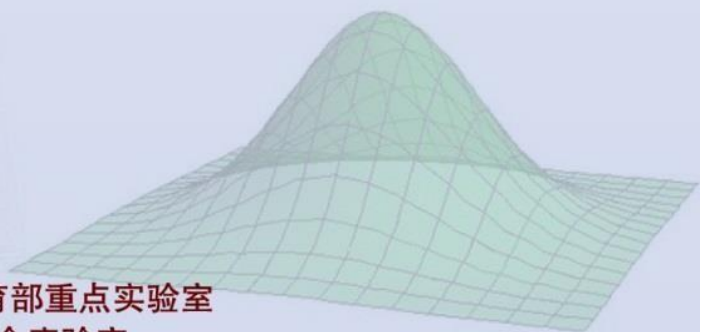
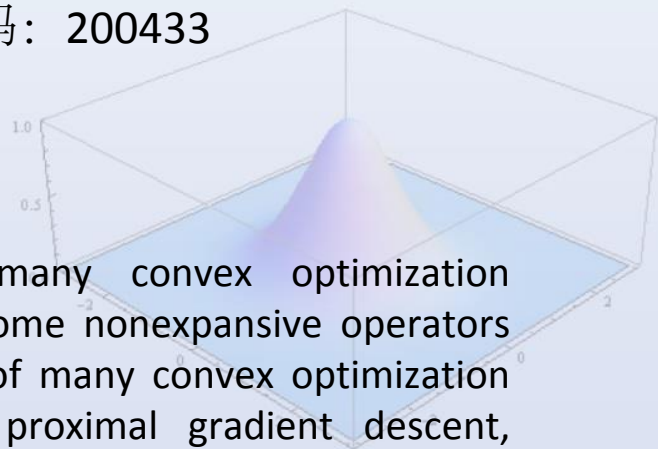
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时间: 2022-12-05 星期一 14:30-15:30

地点: 腾讯会议: 580-958-061, 密码: 200433

报告摘要:

Nonexpansive operators can explain many convex optimization algorithms. In this talk, I will introduce some nonexpansive operators and use them to show the convergence of many convex optimization algorithms, including gradient descent, proximal gradient descent, Douglas-Rachford splitting, Davis-Yin three-operator splitting, primal-dual algorithm, etc. This talk is accessible to general audience even without a convex optimization background.



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