数学与系统科学研究院 计算数学所学术报告

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报告题目:

Complementarity Problem, Variantional Inequalities and Extended Lorentz Cones

邀请人: 袁亚湘 院士

报告时间: 2017年3月28日(周二)

下午 15:30-16:30

报告地点: 科技综合楼三层

311 报告厅

Abstract:

In this talk, we will introduced extended and applied it Lorentz cones complementarity problems and variational inequalities. By the previous papers, we know that the Nash equilibrium problem can be transformed into a variational inequality. So, we applied our results and showed a class of Nash equilbrium problems can be solved in same way. Similarly, we showed that a class of conic optimization problems can be formulated as complementarity problems and then solved by our previous results. Then we will introduce positive operators of extended Lorentz cones and show some properties of these kind of Linear operators.

欢迎大家参加!