VORträge zum Operations Research

Kolloquium des Instituts für Operations Research

Zeit: Donnerstag, 15. November 2012, 17:30 Uhr

Ort: Raum 109, Gebäude 20.13

Es spricht: Prof. Dr. Alexander Ioffe, Technion, Haifa

Zum Thema: **Variational Analysis: Regularity and Stability**

Abstract: Rockafellar and Wets in their already classical monograph "Variational analysis" define it as "a broad spectrum of mathematical theory that has grown in connection with the study of problems of optimization, equilibrium, control and stability of linear and nonlinear systems".
Regularity theory is one of the central chapters of variational analysis. It is an extension to set-valued mappings of the classical regularity theory centered around two groups of results: the implicit function theorem and the Lusternik-Graves theorem on the one hand and the Sard-Smale theorem and Thom's transversality theory on the other. In the talk I plan to survey the present state of the theory relating to various aspects of the theory itself and some its applications (e.g. optimization, fixed point theory, mathematical economics).

Die Vorträge zum Operations Research wenden sich an alle Interessierten!

Ab 17:00 Uhr ist am Institut für Operations Research (Gebäude 20.13, Raum 104)
Gelegenheit zu einem Gespräch mit dem Referenten bei einer Tasse Kaffee gegeben.

Bei Rückfragen wenden Sie sich bitte an:

Prof. Dr. Oliver Stein, Institut für Operations Research.