1046-49-1066   **Akhtar A. Khan*** (`aaksma@rit.edu`), School of Mathematical Sciences, Rochester Institute of Technology, 85 Lomb Memorial Drive, Rochester, NY 14623, and **Baasansuren Jadamba** (`bxjsma@rit.edu`), School of Mathematical Sciences, Rochester Institute of Technology, 85 Lomb Memorial Drive, Rochester, NY 14623. *Regularization of Quasi Variationaal Inequalities.*

This talk will focus on regularization issues for quasi-variational inequalities. An ill-posed quasi-variational inequality with multi-valued maps can be conveniently formulated as a parameter identification problem on the graph of a variational selection. Using elliptic regularization for parametric variational inequalities, it is possible to pose another parameter identification problem that gives a stable approximation procedure for the ill-posed problem. The results discussed in this talk are quite general and are applicable to ill-posed variational inequalities, inverse problems, split-feasibility problem, among others. (Received September 14, 2008)

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