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Abstracts

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Some Results on Variational Problems and Variational Inequalities

Quite a few variational problems have their link to nonsmooth optimization problems in a setting in which continuous time programming problems are dealt with nonlinear constraints. Also in another important direction we show that theory of Gap functions and their optimization play a role to solve primal and dual type Variational Inequalities. We extend these optimization results for Variational-like inequalities also.