ANALYSE CONVEXE ET SES APPLICATIONS

(Convex Analysis and its Applications)

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The volume comprises the papers presented at the conference, with the same name, held at Saint Pierre de Chartreuse-France, January 7—11,1975. The conference was organized by the Centre of decision mathematical research and by the Society of Mathematics of France, rallying names of prestige. The volume deals with the following themes: Numerical revolving of variational inequalities (A. Auslander), Problems of nonconvex optimization depending on a parameter (J. Baranger), Invariant semigroups for a cone of convex functions (Ph. Benilau), Characteristics of descending quasivariational inequations (A. Bensunssan), Köthe spaces and convex functionals (P. Clauzure), A few applications of the convex analysis to solving problems of nonconvex optimization (T. Ekeland), Descending methods for minimizing nondifferentiable functions (C. Lemarréchel), Prolongation of games and iterative games (H. Moulin), Convexity in statistics (J.J. Moreau), A generalization of monotonous operators of the theorems of Asplund differentiability (R. Robert), Lagrange multipliers for a model with n-stages in convex stochastic programming (R.T. Rockefellar), New applications of duality to the calculus of variations (R. Teman), On the "strassen" theorem (M. Valadier), Convexity and iterative games (S. Zamir), The algebra of conic projectors (E.H. Zarantonello).

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