Demyanov, V. F.
Exhausters and convexificators – new tools in nonsmooth analysis. (English) Zbl 1138.49301
Demyanov, V. (ed.) et al., Quasidifferentiability and related topics. Dedicated to Prof. Franco Giannessi on his 65th birthday and to Prof. Diethard Pallaschke on his 60th birthday. Dordrecht: Kluwer Academic Publishers (ISBN 0-7923-6284-5/hbk). Nonconvex Optim. Appl. 43, 85-137 (2000).

Recently, in nonsmooth analysis and nondifferentiable optimization, some new tools are used – upper and lower exhausters and convexificators – closely related to exhaustive families of approximations. The author gives a survey of some results related to these new tools.

For the entire collection see [Zbl 0949.00047].

Reviewer: Hans Benker (Merseburg)

MSC:

49J52	Nonsmooth analysis
90C30	Nonlinear programming
49-02	Research exposition (monographs, survey articles) pertaining to calculus of variations and optimal control

Cited in **1** Review
Cited in **26** Documents