## On the minimization of piecewise functions: pseudo stationarity

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This paper discusses the minimization of a class of (possibly discontinuous) piecewise functions that has many applied sources. We define the concept of a pseudo stationary solution and present two approaches for its computation: an epigraphical approach and a noniffier approach; the latter is the nonsmooth generalization of the mollifier approach of Norkin and Wets that lies at the foundation of smooth approximation of discontinuous minimization.

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