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Subdifferentials of distance functions, approximations and enlargements

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摘要

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Abstract In this work, we study some subdifferentials of the distance function to a nonempty nonconvex closed subset of a general Banach space. We relate them to the normal cone of the enlargements of the set which can be considered as regularizations of the set.

Key words [Distance function](#) [Normal cone](#) [Regularization](#) [Subdifferential](#)

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