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## SUBDIFFERENTIAL DETERMINATION OF A PRIMAL LOWER REGULAR FUNCTION ON A BANACH SPACE

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### ABSTRACT

We generalise to Banach space Thibault-Zagrodny Theorem that if  $f$  and  $g$  are primal lower regular and  $\partial f = \partial g$  locally, then  $f$  and  $g$  locally differ by a constant. Our method consists in reduction to slopes considerations.

**Keywords** primal lower regular function · slope · determination of a function

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