

Integration Formulas without convexity

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Abstract

We present some integration formulas for non convex functions, which extend the well know and classical one by Rockafellar [5] in the convex setting, and improve similar results due to Thibault-Combari [2] and Thibault-Marcellin [4]. The main tool is a formula for the subdifferential of the conjugate function given in terms of the ϵ -subdifferential for non necessarily convex functions .

References

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