## Salvatore A. Marano, Dumitru Motreanu A critical point result for non-differentiable indefinite functionals

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**Abstract:** In this paper, two deformation lemmas concerning a family of indefinite, non necessarily continuously differentiable functionals are proved. A critical point theorem, which extends the classical result of Benci-Rabinowitz [14, Theorem 5.29] to the above-mentioned setting, is then deduced.

Keywords: locally Lipschitz continuous and indefinite functionals, deformation lemmas, critical point theorems AMS Subject Classification: 35A15, 49J35, 58E05