Corrigendum

On lower semicontinuity and relaxation

Irene Fonseca

Department of Mathematical Sciences, Carnegie Mellon University, Pittsburgh, PA 15213, USA

Giovanni Leoni

Dipartimento di Scienze e Tecnologie Avanzate, Universitá del Piemonte Orientale, Alessandria, Italy 15100

Published Proceedings of the Royal Society of Edinburgh, 131.3A, 519–565, 2001

Page 525, § 1, theorem 1.6 is incomplete and should be stated as follows.

THEOREM 1.6. Assume that Ω is bounded and that $f: \Omega \times \mathbb{R} \times \mathbb{R}^N \to [0, \infty)$ is a Borel integrand which satisfies (1.8), with $f(x, u, \cdot)$ convex in \mathbb{R}^N , $f(\cdot, u, \xi)$ continuous in Ω , and $f^{\infty}(\cdot, u, \xi)$ upper semicontinuous. Then $\mathcal{F}(u, \Omega) \leq H(u, \Omega)$.