

Some various convergence results for normal integrands

Charles Castaing

Département de Mathématiques, Faculté des Sciences et Techniques Université
Montpellier II, 34095 Montpellier Cedex, France
(e-mail: charles.castaing@gmail.com)

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Abstract. We prove various results for the conditional expectation of multifunctions and normal integrands. Applications to the epiconvergence of integrand reversed martingales and lower semicontinuous superadditive random sequences are presented.

Key words: conditional expectation, epiconvergence, ergodic, martingale, normal integrands, superadditive