## ERRATUM TO

## Young measures in topological spaces With applications in Control Theory and Probability Theory

by

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- Page 20, line 2: For the equality  $\mathcal{Y}_{dis}^1 = \mathcal{Y}^1$  to hold by the Disintegration Theorem, we should also assume that  $\mathcal{S}$  is P-complete.
- Page 101, Example 4.4.1: The topologies  $\mathbb{E}_{\sigma}^*$  and  $\mathbb{E}_{c}^*$  coincide only on the equicontinuous subsets of  $\mathbb{E}^*$ . The correct example is  $\mathbb{E}_{c}^*$ , not  $\mathbb{E}_{\sigma}^*$ .
- Page 124, line 1: The first notation should be *RwK*(E), it denotes the collection of closed subsets of E whose intersection with any closed ball in E is weakly compact. Note that the notions of *RwK*(E)-tightness and *RcwK*(E)-tightness coincide, so the confusion between *RwK*(E) and *RcwK*(E) has no consequence. Indeed, 1) by Krein's theorem, for every weakly compact subset A of E, the set co A is weakly compact, 2) furthermore, if Γ is a *RwK*(E)-valued measurable multifunction, the arguments of [CV77, Theorem III.40] show that co Γ is also measurable.
- Page 226, Remarks 8.1.7, 2): The function denoted by  $\psi$  is the function f of Theorem 8.1.6.
- Page 232, Example 8.1.1: The functions  $u_n$  and  $u_\infty$  must be continuous, not simply Borel.
- Page 239, Example 8.1.6: same correction as in Example 8.1.1. page 232.
- Page 249, line 8 (proof of example 8.2.6): The sequence  $(\underline{\delta}_k)$  not only converges stably, but also in measure, which is essential for applying the Fiber Lemma.