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Measure spaces

 **Definition.** Measurable spaces $(M, \mathfrak{M}_M)$

A **measurable space** is a triple $(M, \mathfrak{M}_M, \mu)$ where

- M is a set
- $\mathfrak{M}_M$ is a σ -algebra on 2^M

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- [ℂ-measures](#), [ℝ-measures](#)

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