

MAM 2204 MEASURE AND INTEGRATION

UNIT – I	Introduction, Measurable Functions, Measures
UNIT – II	The Integral, Integrable Functions, Lp-spaces.
UNIT – III	Modes of Convergence
UNIT – IV	Generation of measures, Decomposition of Measures
UNIT – V	Product Measures

TEXT BOOK

R.G. Bartle – The elements of Integration (1966) John Wiley & Sons (complete book)

REFERENCE:

[1] H.L. Royden - Real Analysis [2]DeBarra-Measure and Integration.

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