

# LECTURE 2

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DRE 7007

MATHEMATICS

## PLAN:

- ① BASIC NOTIONS  
- SETS
- ② EUCLIDEAN SPACES  
- INNER PRODUCTS - NORMS - METRICS
- ③ SEQUENCES
- ④ TOPOLOGY

## Readings:

[FMRJ] A.1-A.3, 13.1-13.2

[MEJ] A1, 10, 12, 29

[S] A, C, 1.1-1.2