

ECSE 472. FUNDAMENTALS OF CIRCUIT SIMULATION AND MODELLING.

Credits: 3

Offered by: Electrical & Computer Engr (Faculty of Engineering)

This course is not offered this catalogue year.

Description

Principles of circuit simulation. Formulation of network equations. Frequency domain analysis. Nonlinear networks. Transient analysis. Sensitivity analysis. Harmonic balance. Shooting method. Model order reduction. Macromodelling.

- (3-0-6).
- Restriction(s): Not open to students who are taking or have taken ECSE 597.
- Prerequisites: ECSE 206 and ECSE 331

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