



TEMATICĂ PENTRU ADMITEREA LA DOCTORAT septembrie 2017

SDSI – Domeniul Inginerie Electrică
Prof.univ.dr. Horia Leonard ANDREI

A. PROPUNERI:

1. Aplicații ale principiului minimului puterii absorbite în studiul circuitelor electrice liniare.
2. Aplicații ale principiului minimului energiei absorbite în studiul circuitelor magnetice liniare.
3. Modelarea și optimizarea consumurilor energetice în industria apei
4. Contribuții privind analiza și modelarea performanțelor echipamentelor electrice utilizate în măsurarea și transmiterea biosemnalelor.
5. Modelarea și optimizarea consumurilor energetice în sectorul rezidențial
6. Metode și modele matematice de analiză a performanțelor sistemelor fotovoltaice.

B. BIBLIOGRAFIE SELECTIVĂ:

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