

Tadeusz J. Sobczyk

The paper presents possibilities of so-called circuitual mathematical models of electric machines, in which the machine is treated as a set of magnetically coupled coils. It is a very popular class of models used for analysis of operational conditions of electric machines. However, the progress in numerical solutions of electromagnetic field causes the interest of researchers to shift into so-called field-models. This paper shows the author's opinion on extreme possibilities of circuitual models putting main attention to their creation, simplification and solving.



[Download full text](#)