

Analytical Modeling In Applied Electromagnetics

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@INPROCEEDINGS{A03tretyakov,analytical, author = {Galia Salzman A and Rafael Tadmor B and Serge Guzy A and Samuel Sideman A and Noah Lotan A}, title = {Tretyakov, Analytical Modeling}, booktitle = {in Applied Electromagnetics, Artech}, year = {2003}}
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CiteSeerX — Tretyakov, Analytical Modeling Sergei Tretyakov (Russian: Сергей Анатольевич Третьяков, IPA: [sʲɪrˈgʲej ɐnɐˈtolʲjɪvʲɪtɕ trʲetʲɕɐˈkof] ()) (born in 1956) is a Russian-Finnish scientist, focused in electromagnetic field theory, complex media electromagnetics and microwave engineering. He is currently a professor at Department of Electronics and Nanoengineering, Aalto University ... Sergei Tretyakov (scientist) - Wikipedia The effectiveness ... of the proposed analytical model based on the split ratio is verified by FEM, and applied to analyze the electromagnetic performance for the three-flux-barrier PM-assisted reluctance machines. On the basis of the analysis results, the design scheme corresponding to the optimal split ratio, which makes the machine obtain a higher efficiency and guarantees the PMs without irreversible demagnetization, is determined rapidly. International Journal of Applied Electromagnetics and ... Description : Analytical Modeling in Applied Electromagnets encompasses the most complete treatment on the subject published to date, focusing on the nature of models in radio

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