

contestuali allo sviluppo

O. Bottauscio, M. Chiampi, D. Chiarabaglio, M. Zucca, **"Some considerations about low frequency magnetic field shielding"**

Proc. 8th IGTE Symposium, Graz (Austria), Sept. 1998, pp. 275-280.

O. Bottauscio, M. Chiampi, D. Chiarabaglio, M. Zucca, **"Use of grain oriented materials in low frequency magnetic shielding"**

Journal of Magnetism and Magnetic Materials, Vol. 215-216, 2000, pp. 130-132.

O. Bottauscio, M. Chiampi, D. Chiarabaglio, F. Fiorillo, L. Rocchino, M. Zucca, **"Role of magnetic materials in power frequency shielding: numerical analysis and experiments"**

, IEE Proceedings Generat. Transm. and Distrib., Vol. 148, No. 2, 2001, pp. 104-110.

O. Bottauscio, M. Chiampi, G. Crotti, A. Manzin, P. Ribaldone, M. Zucca, **"Design of magnetic shields in MV/LV substations by three dimensional modelling and experimental analysis"**

, Proc. EMC Europe 2002, Sorrento (Italy), 9-13 Settembre 2002, pp. 359-364.

U. Adriano, O. Bottauscio, G. Crotti, M. Novo, M. Zucca, **"Modelling and Experimental Analysis of the Magnetic Field Emissions of Induction Heating Equipments"**

, Proc. EMC Europe 2002, Sorrento (Italy), 9-13 Settembre 2002, pp. 1069-1074.

U. Adriano, O. Bottauscio, M. Zucca, **"Material Efficiency in Magnetic Shielding at Low and Intermediate Frequency"**

, IEEE Trans. Mag., Vol. 39, No. 5, pp. 3217-3219, 2003.

O. Bottauscio, M. Chiampi, A. Manzin, **"Numerical analysis of magnetic shielding efficiency of multilayered screens"**

, IEEE Trans. Mag., Vol. 40, No. 2, pp. 726-729, 2004.

U. Adriano, O. Bottauscio, M. Zucca, **"Use of soft magnetic materials in medium frequency magnetic field shielding"**

, Proc. 16th Soft Magnetic Materials Conf., Dusseldorf (Germany), Sept. 2003, ISBN 3-514-00711-X, pp. 373-378.

O. Bottauscio, M. Chiampi, A. Manzin, **"Transient Analysis of Thin Layers for the Magnetic Field Shielding"**

, IEEE Trans. Mag., Vol. 42, No. 4, 2006, pp. 871-874

O. Bottauscio, M. Chiampi, P.E. Roccato, M. Zucca, **"1-100 kHz Magnetic Shielding Efficiency by Metallic Sheets: Modeling and Experiment by a Laboratory Test Bed"**

, IEEE Trans. Mag., Vol. 42, No. 10, 2006, pp. 3533-3535

O. Bottauscio, M. Chiampi, A. Manzin, **"Nonlinear ferromagnetic shield modeling by the thin-shell approximation"**

, IEEE Trans. Mag., Vol. 42, No. 10, 2006, pp. 3144-3146

O. Bottauscio, M. Chiampi, A. Manzin, P.E. Roccato, M. Zucca, **"A multiscale approach to the analysis of magnetic grid shields and its validation"**
, Journal of Computational Physics, Vol. 227, 2007, pp. 1470-1482

O. Bottauscio, M. Zucca, **"Magnetic field and electric conductors: a tool for the assessment and mitigation"**, Proceedings of Cigré Internat. Colloquium on Power Freq. Electromagnetic Fields – ELF EMF, Sarajevo, Bosnia and Herzegovina June 03-04, 2009