

### **Analytical model for magnetic anisotropy of non-oriented steel sheets**

Martin, Florian; Singh, Deepak; **Belahcen, Anouar**; Rasilo, Paavo; Haavisto, Ari; Arkkio, Antero COMPEL : the international journal for computation and mathematics in electrical and electronic engineering 2015 / p. 1475-1488 : ill <http://dx.doi.org/10.1108/COMPEL-02-2015-0076>

### **Anisotropic and strain-dependent model of magnetostriction in electrical steel sheets**

**Belahcen, Anouar**; Singh, Deepak; Rasilo, Paavo; Martin, Florian; Ghalamestani, Setareh Gorji; Vandeveld, Lieven IEEE transactions on magnetism 2015 / p. 200-204 : ill <https://doi.org/10.1109/TMAG.2014.2361681> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Coupled magneto-mechanical analysis of iron sheets under biaxial stress**

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### **Flexible identification procedure for thermodynamic constitutive models for magnetostrictive materials**

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### **Model of magnetic anisotropy of non-oriented steel sheets for finite-element method**

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### **Modeling of hysteresis losses in ferromagnetic laminations under mechanical stress**

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### **Modeling the Effect of Multiaxial Stress on Magnetic Hysteresis of Electrical Steel Sheets : A Comparison**

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