

### **Acoustic noise computation of electrical motors using the boundary element method**

Sathyan, Sabin; Aydin, Ugur; **Belahcen, Anouar** Energies 2020 / art. 0245 <https://doi.org/10.3390/en13010245> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of eddy current theory and Finite Element Method for metal evaluation**

**Gordon, Rauno; Märtens, Olev;** Kolyshkin, Andrei Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 3 2012 / p. 41-45 : ill

### **Coupled wave-equation and eddy-current model for modelling and measuring propagating stress-waves**

Peussa, Tommi; **Belahcen, Anouar** Archives of electrical engineering 2015 / p. 215-226 : ill <http://dx.doi.org/10.1515/ae-2015-0018>

### **Effect of PM parameters variability on the operation quantities of a wind generator**

**Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas** 2015 IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD) : proceedings : Castello del Valentino, Torino, Italy, 26-27 March, 2015 2015 / p. 242-247 : ill <http://dx.doi.org/10.1109/WEMDCD.2015.7194536>

### **Experimental, analytical, and numerical study of transient elastic waves from a localized source in an aluminium strip**

Mračko, Michal; Adamek, Vítězslav; **Berezovski, Arkadi;** Kober, Jan; Kolman, Radek Applied acoustics 2021 / art. 107983 <https://doi.org/10.1016/j.apacoust.2021.107983> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Formation of property gradient in coarse-grained niobium using a wedge tool : experiment and analysis**

Tarasov, Oleksandr; **Kübarsepp, Jakob; Viljus, Mart; Saarna, Mart; Sergejev, Fjodor** International journal of refractory metals and hard materials 2024 / art. 106905 <https://doi.org/10.1016/j.ijrmhm.2024.106905>

### **Full field computing for elastic pulse dispersion in inhomogeneous bars**

**Berezovski, Arkadi;** Kolman, Radek; Berezovski, Mihail; Gabriel, Dusan; Adámek, V. Composite structures 2018 / p. 388-394 : ill <https://doi.org/10.1016/j.compstruct.2018.07.055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Modified winding function-based model of squirrel cage induction motor for fault diagnostics**

**Asad, Bilal; Vaimann, Toomas; Belahcen, Anouar; Kallaste, Ants; Rassõlkin, Anton; Iqbal, Muhammad Naveed** IET electric power applications 2020 / p. 1722-1734 <https://doi.org/10.1049/iet-epa.2019.1002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Nanostructure development in refractory metals : ECAP processing of Niobium and Tantalum using indirect-extrusion technique**

**Omranpour Shahreza, Babak; Kommel, Lembit; Mikli, Valdek;** Garcia, Edgar; Huot, Jacques International journal of refractory metals and hard materials 2019 / p. 1-9 : ill <https://doi.org/10.1016/j.ijrmhm.2018.10.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Overview of sensorless diagnostic possibilities of induction motors with broken rotor bars [Electronic resource]**

**Vaimann, Toomas; Kallaste, Ants; Kilk, Aleksander** Proceedings of the 12th International Scientific Conference Electric Power Engineering 2011, Kouty nad Desnou, Czech Republic, May 17-19, 2011 2011 / [4 p.] : ill. [CD-ROM] <https://www.scinapse.io/papers/2583767167>

### **Selected aspects of current challenges in composite product development for automotive and aerospace industry**

Czichon, Steffen; Köhnke, Jessica; Preisler, Andreas; **Herranen, Henrik** Composite materials and structures in aerospace engineering 2016 / p. 51-63 <http://dx.doi.org/10.4028/www.scientific.net/AMM.828.51>

### **Solitary waves for Non-Destructive Testing applications : delayed nonlinear time reversal signal processing optimization**

**Lints, Martin;** Dos Santos, Serge; **Salupere, Andrus** Wave motion 2017 / p. 101-112 : ill <https://doi.org/10.1016/j.wavemoti.2016.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A theory of coupled beams for non-prismatic ship structure**

**Kerge, Els-Hedvig; Naar, Hendrik; Tabri, Kristjan** Proceedings of the 2nd International Conference Optimization and Analysis of Structures : Tartu, Estonia, August 25-27, 2013 2013 / p. 45-51 : ill

### **Toward the application of the layer-wise displacement theory in passenger ships - a quasi-static response**

**Imala, Mikk-Markus; Naar, Hendrik; Tabri, Kristjan;** Romanoff, Jani Mechanics of Advanced Materials and Structures 2023 / p. 4698-4710 <https://doi.org/10.1080/15376494.2022.2103859> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A two-layer elastic strip under transverse impact loading : analytical solution, finite element, and finite volume simulations**

Adámek, V.; **Berezovski, Arkadi;** Mračko, Michal; Kolman, Radek Mathematics and computers in simulation 2021 / p. 126-140 <https://doi.org/10.1016/j.matcom.2020.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Validation of simulations of eddy current methods with measurements on phantom materials for biomedical engineering**

**R&D**

**Pesti, Ksenija; Kõiv, Hip; Gordon, Rauno** International journal of bioelectromagnetism 2015 / p. 57-63 : ill

**Validation of simulations of eddy current methods with measurements on phantom materials for biomedical engineering**

**R&D**

**Pesti, Ksenija; Kõiv, Hip; Gordon, Rauno** The 10th International Conference on Bioelectromagnetism : proceedings 2015 / [4] p. : ill