

### **Applications of multi-resolution analysis for bioimpedance signal processing**

**Birjukov, Andrei** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 115-118 : ill

### **Bio-impedance signal decomposer (BISD) as an adaptive signal model based separator of cardiac and respiratory components**

**Krivošei, Andrei; Kukk, Vello; Birjukov, Andrei** 13th International Conference on Electrical Bioimpedance and 8th Conference on Electrical Impedance Tomography 2007 : ICEBI2007 : August 29th - September 2nd 2007, Graz, Austria 2007 / p. 209-212  
[https://link.springer.com/chapter/10.1007/978-3-540-73841-1\\_56](https://link.springer.com/chapter/10.1007/978-3-540-73841-1_56)

### **Bio-Impedance Signal Decomposer (BISD) as an adaptive signal model based separator of cardiac and respiratory components**

**Krivošei, Andrei; Kukk, Vello; Birjukov, Andrei** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 29-32 : ill

### **Design of a digitally controlled resistance and capacitance device for testing of the bio-impedance measurement systems**

**Birjukov, Andrei** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK teise aastakonverentsi artiklite kogumik : 11.-12. mai 2007, Viinistu kunstimuseum 2007 / lk. 149-152 : ill

### **Digitally controlled reference impedance device for test and calibration of the bio-impedance measurement system (BIMS) in a networked environment**

**Birjukov, Andrei; Krivošei, Andrei; Parve, Toomas** 13th International Conference on Electrical Bioimpedance and 8th Conference on Electrical Impedance Tomography 2007 : ICEBI2007 : August 29th - September 2nd 2007, Graz, Austria 2007 / p. 276-279  
[https://link.springer.com/chapter/10.1007/978-3-540-73841-1\\_73](https://link.springer.com/chapter/10.1007/978-3-540-73841-1_73)

### **Wideband object identification with rectangular wave chirp excitation**

**Paavle, Toivo; Min, Mart; Annus, Paul; Birjukov, Andrei; Land, Raul; Parve, Toomas** ECCTD'09 : European Conference on Circuit Theory and Design 2009 : Antalya, Turkey, August 23-27, 2009 2009 / p. 421-424 <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=5275007>