

### **Analysis of the quality problems of marking saw material in the sawmill**

**Põlder, Ahti** 8th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Pärnu, January 11-16, 2010 : proceedings] 2010 / p. 185-189 : ill

### **Automatic products identification method**

**Põlder, Ahti; Juurma, Märt; Tamre, Mart** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 338-344 : ill

### **Automatic visual code quality evaluation for wood industry**

**Põlder, Ahti; Abiline, Indrek; Tamre, Mart** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [I] 2010 / p. 554-559 : ill

### **Control of autonomous mobile robots using wireless network and MATLAB**

**Vu, Trieu Minh; Tamre, Mart; Hudjakov, Robert; Shvarts, Dmitry; Põlder, Ahti; Hiimaa, Maido; Juurma, Märt** Proceedings of the 11th International Conference of DAAAM Baltic Industrial Engineering : 20-22th April 2016, Tallinn, Estonia 2016 / p. 235-240 : ill  
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### **Energy efficiency aspects in wood production value chain**

**Juurma, Märt; Põlder, Ahti** 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 183-186 : ill

### **Implementation of integrated wireless network and MATLAB system to control autonomous mobile robot**

**Tamre, Mart; Hudjakov, Robert; Shvarts, Dmitry; Põlder, Ahti; Hiimaa, Maido; Juurma, Märt** International Journal of Innovative Technology and Interdisciplinary Sciences : IJTIS 2018 / p. 18-25 : ill <https://doi.org/10.1515/IJTIS.2018.1.1.18-25>

### **Improving visual code based traceability of wood products**

**Põlder, Ahti** 14th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. II" : Pärnu, Estonia, January 13-18, 2014 2014 / p. 217

### **"Indisputable key" - toodangu jälgitavus puidutööstuses**

**Tamre, Mart; Juurma, Märt; Põlder, Ahti** Tallinna Tehnikaülikooli aastaraamat 2009 2010 / lk. 32-35 : ill  
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### **Mining waste management of Estonian mineral resources**

**Karu, Veiko; Gulevitš, Julia; Rahe, Tiit; Roots, Raul; Iskül, Riho; Põlder, Ahti** Proceedings of the 6th International Conference on Sustainable Development in the Minerals Industry (SDIMI 2013) 2013 / p. 414-419 : ill

### **Modified fingerprint method for traceability enhancement of marked products**

**Põlder, Ahti** 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 121-125 : ill

### **Optimal use of spectral information for waste paper detection**

**Põlder, Ahti; Juurma, Märt; Tamre, Mart** Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 273-277 : ill

### **Overview of automatic paper sorting**

**Põlder, Ahti** 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 166-167

### **Performances of PID and different fuzzy methods for controlling a ball on beam**

**Vu, Trieu Minh; Tamre, Mart; Moezzi, Reza; Mets, Oliver; Jürise, Mart; Põlder, Ahti; Teder, Leo; Juurma, Märt** Open engineering 2016 / p. 145-151 : ill <https://doi.org/10.1515/eng-2016-0018> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Waste paper sorting using imaging spectroscopy**

**Põlder, Ahti; Juurma, Märt; Tamre, Mart** 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 283-284 : ill

### **Wood products automatic identification based on fingerprint method**

**Põlder, Ahti; Juurma, Märt; Tamre, Mart** 7th International Conference Mechatronics Systems and Materials MSM 2011 : Kaunas, Lithuania, 7-9 July, 2011 : abstracts book and full papers CD 2011 / [11] p  
[https://www.researchgate.net/publication/285309496\\_Wood\\_products\\_automatic\\_identification\\_based\\_on\\_fingerprint\\_method](https://www.researchgate.net/publication/285309496_Wood_products_automatic_identification_based_on_fingerprint_method)

### **Wood products automatic identification based on fingerprint method**

**Põlder, Ahti; Juurma, Märt; Tamre, Mart** Journal of vibroengineering 2012 / p. 477-482  
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