

### **An approach to inference of finite state machines based on gravitationally-inspired search algorithm**

**Spitšakova, Margarita** 12th Symposium on Programming Languages and Software Tools : SPLST'11 : Tallinn, Estonia, 5-7 October 2011 : proceedings 2011 / p. 185-195 : ill

### **An approach to the inference of finite state machines based on a gravitationally-inspired search algorithm**

**Spitšakova, Margarita** Proceedings of the Estonian Academy of Sciences 2013 / p. 39-46

### **Application of machine learning for assessment of HS code correctness**

**Spitšakova, Margarita; Haav, Hele-Mai** Baltic journal of modern computing 2020 / p. 698-718

<https://doi.org/10.22364/bjmc.2020.8.4.13> [Journal Metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Discrete gravitational search algorithm for solving finite state machine inference problem**

**Spitšakova, Margarita** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve 2011 / p. 63-66 : ill

### **Discrete gravitational swarm optimization algorithm for system identification = Diskreetne gravitatsioonilist vastasmõju arvestav osakeste parvega optimeerimise meetod süsteemide identifitseerimiseks**

**Spitšakova, Margarita** 2017 <https://digi.lib.ttu.ee/i/?8449>

### **Evolutionary two-criteria optimization of finite state machines**

**Spitšakova, Margarita** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK neljanda aastakonverentsi artiklite kogumik : 26.-27. novembril 2010, Essu mõis 2010 / lk. 101-104

### **Feature engineering for short-term forecast of energy consumption**

**Spitšakova, Margarita; Belikov, Juri; Nõu, Kalvi; Petlenkov, Eduard** Proceedings of 2019 IEEE PES : Innovative Smart Grid Technologies Europe : (ISGT-Europe), Bucharest Romania, 29 September - 2 October, 2019 2019 / 5 p. : ill

<https://doi.org/10.1109/ISGTEurope.2019.8905698>

### **Feature engineering of Weather Data for Short-Term Energy Consumption Forecast**

**Sinimaa, Maria; Spitšakova, Margarita; Belikov, Juri; Petlenkov, Eduard** 2021 IEEE Madrid PowerTech 2021 / 6 p.

<https://doi.org/10.1109/PowerTech46648.2021.9494920>

### **Genetic algorithm approach to the problem of finite state machine construction**

**Spitšakova, Margarita** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 69-72 : ill

### **Gravitationally inspired search algorithm for solving agent tasks**

**Spitšakova, Margarita** Baltic journal of modern computing 2017 / p. 87-106 : ill <http://doi.org/10.22364/bjmc.2017.5.1.06>

### **House thermal behaviour simulation with CoCoViLa**

**Spitšakova, Margarita** Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 125-128 : ill

### **Modified particle swarm optimization algorithm based on gravitational field interactions**

**Spitšakova, Margarita** Proceedings of the Estonian Academy of Sciences 2016 / p. 15-27 : ill <http://dx.doi.org/10.3176/proc.2016.1.01>  
[https://artiklid.elnet.ee/record=b2760709\\*est](https://artiklid.elnet.ee/record=b2760709*est)

### **NSVL'i optikatööstuse embleemidest**

**Aas, Toomas; Harvig, Voldemar; Spitšakova, Margarita** Tallinna Tähetorni kalender 2010 2010 / lk. 43-52 : ill

### **Overview of heuristic search algorithms based on inverse square law**

**Spitšakova, Margarita** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kuuenda aastakonverentsi artiklite kogumik : 3.-5. oktoobril 2012, Laulasmaa 2012 / p. 89-92 : ill

### **Overview of the modular system for inference of finite state machines**

**Spitšakova, Margarita** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK seitsmenda aastakonverentsi artiklite kogumik : 15.-16. novembril 2013, Haapsalu 2013 / p. 95-98 : ill

### **Using machine learning for automated assessment of misclassification of goods for fraud detection**

**Spitšakova, Margarita; Haav, Hele-Mai** Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 144-158 [https://doi.org/10.1007/978-3-030-57672-1\\_12](https://doi.org/10.1007/978-3-030-57672-1_12) [Conference proceeding at Scopus](#) [Article at Scopus](#)