Petr Kučera

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Personal web page

Welcome to my department web page...

I am offering advising the Individual Software Project (NPRG045). I offer several topics at my   web pages .

Teaching
- **NTIN090**   Introduction to Complexity and Computability Theory [S5, Wednesday, 15:40]
- **NTIN090**   Introduction to Complexity and Computability Theory (in English for Erasmus students) [S5, Tuesday, 10:40]

Selected publications
- *E. Boros, O. Čepek, A. Kogan, P. Kučera*. **Exclusive and Essential Sets of Implicates of Boolean Functions.**, Discrete Applied Mathematics, Volume 158, Number 2, pp.81-96, Elsevier, 2010
- *E. Boros, O. Čepek, A. Kogan, P. Kučera*. **A subclass of Horn CNFs optimally compressible in polynomial time**, Annals of Mathematics and Artificial Intelligence, Volume 61, pp.249-291, Springer, 2009
- *O. Čepek, P. Kučera, P. Savický*. **Boolean functions with a simple certificate for CNF complexity**, Discrete Applied Mathematics, Volume 160, Issues 4-5, pp.365-382, Elsevier, 2012
- *O. Čepek, D. Kronus, P. Kučera*. **Recognition of interval Boolean functions**, Annals of Mathematics and Artificial Intelligence, Volume 52, Number 1/January, pp.1-24, Springer, 2008
- *O. Čepek, P. Kučera, V. Vlček*. **Properties of SLUR formulae.**, Proceedings of SOFSEM 2012: Theory and Practice of Computer Science, LNCS, Volume 7147, pp.177-189, Springer, 2012