List of papers from Irkutsk

**Institute of System Dynamics and Control Theory SB RAS**

E. Cherkashin, D. Pakkert, «A Declarative Specifications of OSPFv3 protocol»

Cherkashin E.A., Popova A.K., Fedorov R.K. «WPS service for modeling forest dynamics on the geoportal”

I. Gribanova, I. Otpuschennikov, A. Semenov. «Constructing guess-and-determine algebraic attacks for some lightweight block ciphers»

K. Antonov, A. Semenov, «Automatic construction of linearization set cryptographic attacks as a black-box optimization problem»

**Institute of High Techologies**

R.S. Dorofeev, A.S.Dorofeev, S.A.Rogacheva «Application of a MapReduce Techique to Big Data for Students Academic Performance Improvenent»

S.Sosinskaya, M.V. Porohova, «Quality comparison of various machine classification techniques»

I. Kudryavtsev, E.Cherkashin, «Robustness of Lightweight Cryptosystems for SOHO Routers»

**Irkutsk Transport University (ITU)**

A. V. Kryukov , A. P. Kutsyy, A. V. Cherepanov, «The Use of intelligent network technology in power supply systems of Railways»

A.V. Daneev, M. V. Rusanov, «Computational model non-stationary differential equations quasi-linear oscillations»

E.Litvinov, «Data Mining: How Can We Use it in a Crime Investigations»

A.V. Daneev, R.A. Daneev, V.N. Sizykh «Neuromorphic adaptive control structures of multi-agent systems»

**(addition)**

(**ITU**)

A.V. Daneev, R.A. Daneev, «A Single Information Space of the Judicial Community of Russia»

R.A. Daneev, «Numerical Simulation of the Spatial Coordinates of the Field Radiation Source» (Institution: **East-Siberian Institute of Ministry of Internal Affairs of Russian Federation**)

M.V. Skorobogatova «Problems of Design of a Stable Vessel on a Dynmic Air Bag»

L.V. Arshinsky, M.S. Nitezhuk. «Verification of Domain Knowledge Models on the Base of VTF-logics»