

System of Internet Traffic Filtration on the Basis of Computer-Aided Training

**V.V. Glazkova, V.A. Maslyakov,
I.V. Mashechkin, M.I. Petrovsky**

Moscow State University named after M.V. Lomonosov, Moscow

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Abstract: The paper deals with the technology including architecture, algorithms and programming means aimed at designing Internet-traffic filtration system for local networks on the basis of computer-aided training methods. Original architecture based on the methods of computer-aided training for solution to the problem of multi-topical classification of Internet resources is proposed. Basic modules of the system, their algorithms and ways of database organization are described. The developed architecture is tested on sample testing data sets; the results proved accurate and high-speed work.