COMBINED INFORMATIC TECHNIQUES IN ANALYSIS
OF PRODUCTION STRUCTURE AND ECONOMIC RESULTS
FOR CORPORATIONS OF ELECTRONICS INDUSTRY

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In the paper, economic characteristics of four leading corporations of electronics industry. Analog Devices, Intel, Texas Instruments and Motorola are analysed. Due to stability of economic grow conditions, the data from Annual Reports of years 1994-99 have been examined. With Microsoft Access, a database, containing fundamental information about the corporations, has been designed and implemented. Comparative analyses concerning economic and financial characteristics have been proposed and carried out. Predictions of development trends of the corporations are presented with regard to specifics and individual features of the ones. At the simulation analysis stage, possibilities and potentialities of simulation software package AweSim for modelling of interdependence of selected economic characteristics are highlighted. Obtained results are analysed and conclusions are drawn.