

ABSTRACTS IN ENGLISH

Marian Daniluk

INVESTORS AND INVESTING IN CAPITAL MARKET

Abstract

There are three different classifications of investors acting in the capital market described in the article. Taking into account the range of investment means, the following groups can be distinguished: individual investors (small, medium and big) and institutional investors (banks, investment funds including “venture capital”, insurance and social funds, enterprises, State Treasury and other). Taking into account the time of investing, the behaviour of short-term, medium-term and long-term investors has been described. Another criteria distinguishing investors is the source of capital (domestic, foreign, international investment institutions). While strategies of investment were presented, general “investment vectors” (predicting of the market, selection of securities, structure of investment portfolio, philosophy of investment directions), and also types of preferences (tendency towards risk, time horizon, investor’s awaiting, etc.).

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Wojciech Gasparski

FOR CITIZENS’ ECONOMIC REPUBLIC

Abstract

The political transformation resulting with 3rd Republic of Poland was accompanied by economic transformation. Actually it has not led our economic life to the form of citizens’ economic republic. Although various shareholders have appeared and there can be distinguished one – stakeholder and many – stakeholder conceptions the “aristocracy” of business still dominates. This fact brings many subjects concerning competition and consumers’ protection. The problem which arose can be formulated in a question – what should be done to transform the

present “nobleman’s” economic republic into citizens’ economic republic? The article constitutes the review of theoretical considerations of many authors, who deal with the problem and its many different aspects.

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Roman Lusawa, Ewa Pręgowska

DEMOGRAPHIC PROCESSES AND THEIR IMPACT OF ECONOMIC GROWTH IN MAZOVIAN PROVINCE

Abstract

The article consists of presentation and analysis of the research on demographic problems in Poland during migration processes after entering EU and opening work markets for Polish citizens in “old” EU countries.

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Mirosław Sulek

THREE SECTIONS OF PRAXIOLOGY

Abstract

The article is based on the assumption that praxiology is divided into three sections distinguished in accordance with the systems of human relations. These are: cooperation, struggle and rivalry. The cooperation and struggle belong to a real sphere, while the rivalry to the sphere of control. The real social life is the synthesis of cooperation and struggle. Cooperation is a positive sum and struggle is a negative sum game, while rivalry is a zero sum game (or constant sum game). The economics is a theory of rivalry. The cooperation and struggle are the different systems of human relations, therefore it is not possible to apply the principles, worked out in theory of struggle to describe the economics of business and inversely.

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Konrad Wawrzyniak

**THE INFLUENCE OF ECONOMIC ENVIRONMENT
ON MANAGEMENT IN ENERGY SECTOR COMPANIES**

Abstract

The aim of this paper is to present the environmental influence on business attitude companies operating in energy sector. The differences among central planned economy, market oriented and transformation times were elaborated. The close attention was paid to the connection between TQM strategy and knowledge management. The author presented the expectations of managers working for energy companies.

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Andrzej Buszko

**ROLE OF LOGISTICS IN THE REFORMS OF FOREIGN
TRADE BASED ON DEVELOPING COUNTRIES**

Abstract

The author took an attempt to determine the causes of incorrectness occurring in foreign trade of developing countries and to answer a question – why logistics changes figured out to be effective in some countries and ineffective in other. Eight countries were analysed: Bolivia, Ghana, Morocco, Mozambique, Peru, the Philipines, Turkey and Uganda. The dynamics of employment in logistics companies in the above named countries, basic changes in foreign trade and schemes of the cooperation of logistics companies in serving of foreign trade. It is stated that the experience of Turkey, Peru and Morocco should be used as model for other developing countries.

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Anna Rusinek

MAXIMAL INEQUALITIES FOR SUM OF INDEPENDENT
RANDOM VARIABLES

Abstract

It is shown that in the class of martingales with independent increments constant 4 in Doob inequality may be improved.

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Marek Aleksander Kowalski

COMPUTING AND REPRESENTING PROLATE SPHEROIDAL
WAVE FUNCTIONS

Abstract

The paper deals with computing prolate spheroidal wave functions. The calculations are based on expansions involving Legendre polynomials. By using modified Gram-Schmidt orthogonalisation together with an algorithm from Thompson's Atlas [27] we obtain a stable recipe for representing and computing those functions.

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Jan Rusinek

INPUT STREAM AND OUTPUT STREAM FILES IN TeX – AN
APPLICATION TO EXAMINATION RESULTS GENERATION

Abstract

The paper presents a program for automatically generating examination results using a file with raw results obtained by scanning of examination papers. The program is written in TeX and exploits TeX specific algorithms. The routine associates, using appropriate identifiers, the file with the raw results with a database with information about students. Scores are calculated subject to preconditions set by the examiner and with the specifics of the examination test (the test can be either a single-choice or multiple-choice test) taken into account.

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Leszek Sidz

REVIEW OF “MATHEMATICS FOR MANAGEMENT
STUDENTS” BY PhDr. JAN RUSINEK

Abstract

The article is a review of mathematics course book devoted for management students.

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Kazimierz Doktor

MEMOIRS ABOUT PROFESSOR SALOMEA KOWALEWSKA

Abstract

In this paper I have presented the profile of professor Salomea Kowalewska who passed away in 2004 – an employee of University of Management in Warsaw. What has been emphasized here is her works at the Institute of Philosophy and Sociology of Polish Academy of Sciences and her position of editor-in chief of the PAN quarterly – “Zagadnienia naukoznawstwa” (“Scientific Knowledge Issues”).

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