

**POPESCU, Ion; ALBEANU, Grigore, *MATHEMATICAL MODELLING IN BUSINESS, ENVIRONMENT, AND COMPUTER SCIENCE***

**Abstract:** This note introduces eight papers presenting results obtained into the framework of the research direction "Results in theoretical mathematics, financial mathematics, actuarial mathematics, risk theory, applied mathematics in mechanics and social sciences" by the research group MATECON: "Applied mathematics in economy". The results were obtained based on intra and inter-university cooperation at national and international level.

**Keywords:** CAMAI, modern investment theory, time series, dynamic financial analysis, bootstrap, queueing models, uncertainty estimation, statistics teaching, indirect