

# Analiza riscului în sistemele tehnice complexe

**Florentina LINCĂ\***, **Ioan C. BACIVAROV\*\***, **Angelica BACIVAROV\*\*\***

\*Doctorand, \*\*Profesor universitar doctor, \*\*\*Profesor universitar doctor,  
Laboratorul Calitate, fiabilitate, tehnici informaționale „EUROQUALROM”, Facultatea Electronica, Telecomunicații și  
Tehnologia Informației, Universitatea „Politehnica” București

## ***ABSTRACT***

*The authors present some problems concerning the risk evaluation in complex high functional importance systems. They present comparatively the methods that could be used in the process of risk analysis. A case study regarding the risk analysis of a nuclear reactor, based on the proposed methodology is included, also.*

*Key-words: Risk analysis, complex system, FMEA, HAZOR, ETA, FTA, PHA, ECCS*