

Intelligent Early-Warning Support System for Enterprise Financial Crisis Based on Case-Based Reasoning

Zhanbo Lei(1), Yoshiyasu Yamada(2), Jihong Huang(3), Youmin Xi(3)

(1)Xi'an Jiaotong University, Xi'an, 710049, China;(2)Department of Industrial Administration Science, Univeristy of Tokyo, 2641, Yamiazaki, Noda, Chiba 278, Japan;(3)Xi'an Jiaotong University, Xi'an, 710049, China

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摘要

Case-based reasoning (CBR) is an important reasoning technique of expert system. In this paper, the authors introduce CBR to intelligent early-warning support system, which could warn quantitatively for enterprise financial crisis and could warn qualitatively by expert's knowledge and experience. Furthermore, genetic algorithm is applied to case-based reasoning in CBR-IEWSS, which improves accuracy and efficiency of case retrieval. Last, the structure of CBR-IEWSS is given.

关键词 [Case adjustment](#) [CBR](#) [GAs](#) [intelligent early-warning support system](#)

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(1)Xi'an Jiaotong University, Xi'an, 710049, China;(2)Department of Industrial Administration Science, Univeristy of Tokyo, 2641, Yamiazaki, Noda, Chiba 278, Japan;(3)Xi'an Jiaotong University, Xi'an, 710049, China

Abstract

Case-based reasoning (CBR) is an important reasoning technique of expert system. In this paper, the authors introduce CBR to intelligent early-warning support system, which could warn quantitatively for enterprise financial crisis and could warn qualitatively by expert's knowledge and experience. Furthermore, genetic algorithm is applied to case-based reasoning in CBR-IEWSS, which improves accuracy and efficiency of case retrieval. Last, the structure of CBR-IEWSS is given.

Key words [Case adjustment](#) [CBR](#) [GAs](#) [intelligent early-warning support system](#)

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