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(57) Abstract :
The foundation of the invention is a thorough and knowledgeable understanding of the financial and technical aspects of nonlinear systems and processes. Both the system and the approach rely on database management systems, expert knowledge bases, and nonlinear self-learning algorithms as their primary building blocks. Diagnostic techniques' trinity value enterprise three financial statements (income, balance sheet, cash-flow) data for capital and solvency, as well as financial risk warning, decision-making forecasting and management of financial forecasts, investment decision-making (and other aspects of the comprehensive analysis), and the automatic generation of the detailed corporate financial analysis report. Moreover, the diagnostic techniques' trinity value enterprise three financial statements (income, balance sheet, cash-flow). In order for businesses to provide competent and effective financial analysis services, there is no longer a need for them to depend entirely on the advice of professionals and manually do financial analysis. Because of this innovation, the quality and efficiency of the company's financial analysis have significantly increased, and any potentially negative effects that may have been caused by man-made elements on the findings of the financial analysis have been eliminated.

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