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(57) Abstract :
Our Invention â€œIAUM-STOCK PRICES PREDICTOR â€œis a technology for a stock investment method with intelligent agents is described and illustrated and also the invention is a stock prediction system that through experience learns to make money based on short-term stock predictions and due to inherent flexibility continues to be profitable in virtually all market environments. The IAUM-stock prices predictor a neural network based universal time series prediction system for financial securities includes a pipelined recurrent ML/DL/ANN architecture having a plurality of identical modules to first adjust internal weights and biases in response to a first training set representing a nonlinear financial time series of samples of a financial quantity and a target value and then determine and store an estimated prediction error of the ML/DL/ANN in order to adjust short time stock price predictions in accordance with the stored prediction error. The IAUM-stock prices predictor system is also designed to output upper and lower prediction bounds within a confidence region.

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