METHOD, APPARATUS, AND DEVICE FOR ABNORMAL ACCOUNT PREVENTION AND CONTROL BASED ON GRAPHICAL STRUCTURE MODEL

ABSTRACT

Implementations of the present specification disclose a method, an apparatus, and a device for abnormal account prevention and control based on a graphical structure model. A solution includes: building in advance a suitable account relationship network based on data relating to account registration and/or authentication, performing feature integration and defining a graphical structure model, training the graphical structure model by using labeled samples, calculating embedding vectors and a prediction probability of nodes after multiple iterations in a hidden feature space by using the trained graphical structure model, and performing abnormal account prevention and control on the nodes based on the embedding vectors and prediction probability.

FIG. 3