

METHODS AND SYSTEMS FOR IDENTITY AUTHENTICATION

ABSTRACT

Disclosed herein are methods, systems, and apparatus, including computer programs encoded on computer storage media, for implementing a method for identity authentication. One of the methods includes building an identity network based on history data of identities. The identity network includes nodes corresponding to each of the identities and features of each identity, and edges connecting related nodes. The method further includes developing a graph mining model associated with the identity network, receiving a new identity and adding the new identity to the identity network, and detecting one or more fraud identities within the identity network including the new identity using the graph mining model.

(Figure 1)