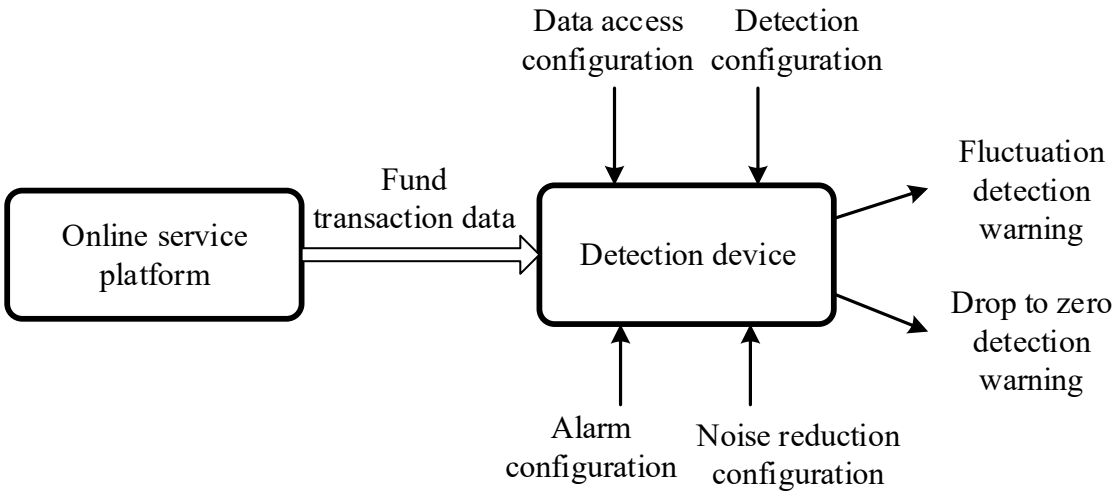
Data access configuration
Detection configuration
Online service platform
Fund transaction data
Detection device
Fluctuation detection warning
Drop to zero detection warning
Alarm configuration
Noise reduction configuration

FIG. 1

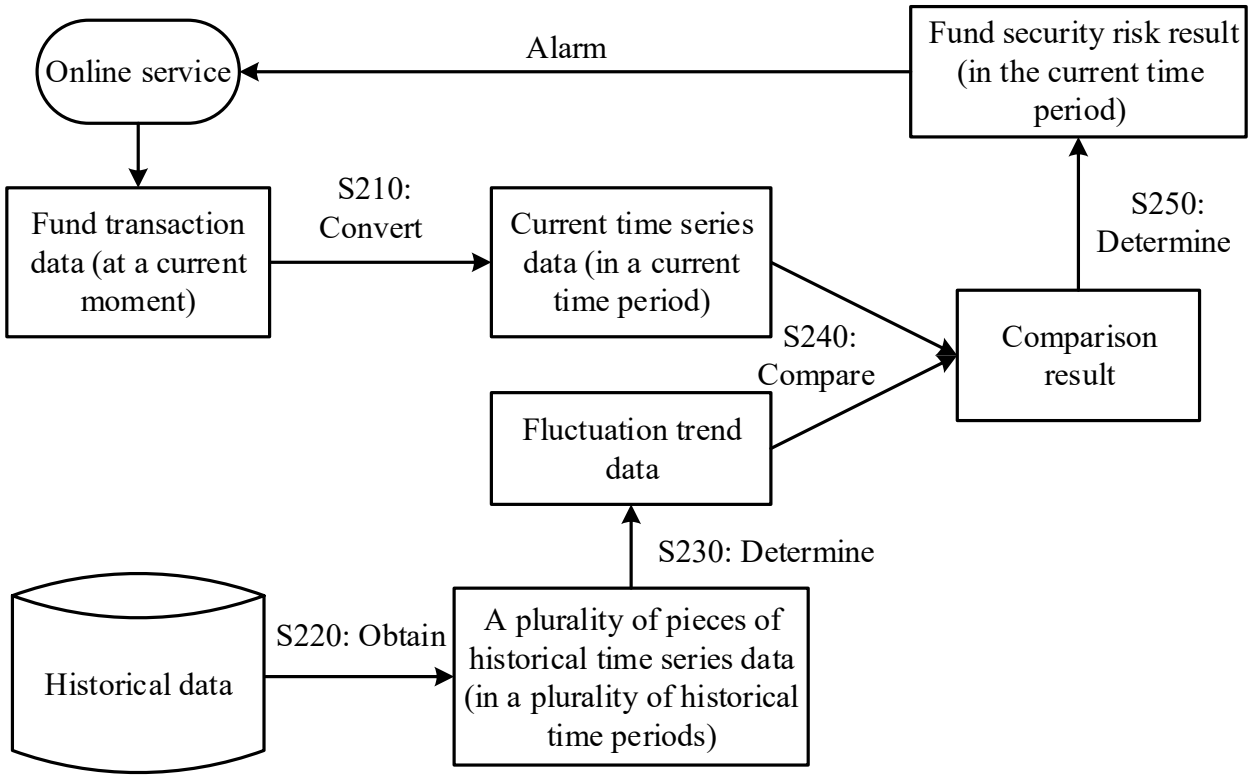
Online service
Alarm
Fund security risk result (in the current time period)
Fund transaction data (at a current moment)
S210: Convert
Current time series data (in a current time period)
S250: Determine
S240: Compare
Comparison result
Fluctuation trend data
S230: Determine
Historical data
S220: Obtain
A plurality of pieces of historical time series data (in a plurality of historical time periods)

FIG. 2

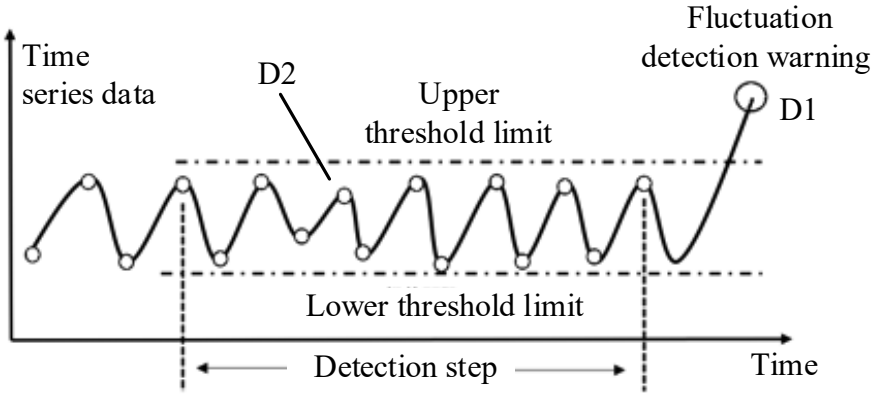

FIG. 3A

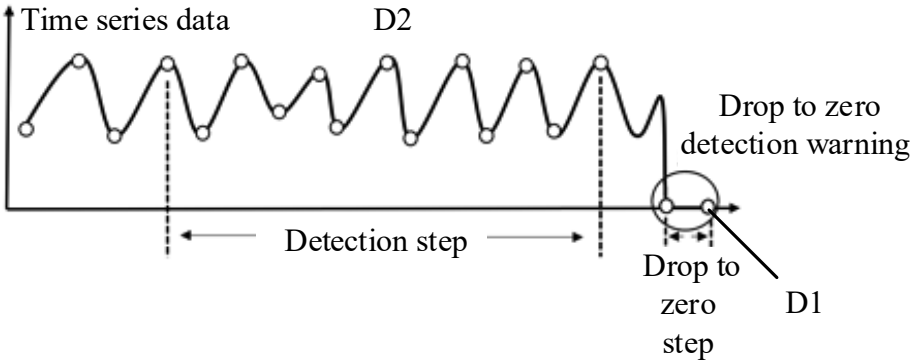

FIG. 3B

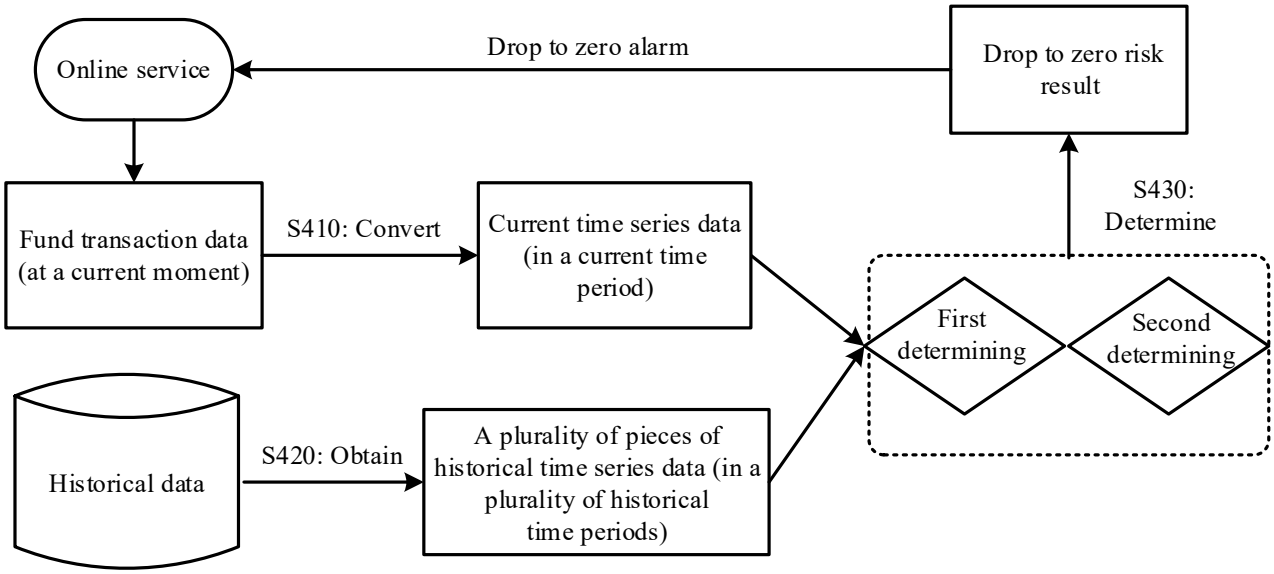

FIG. 4

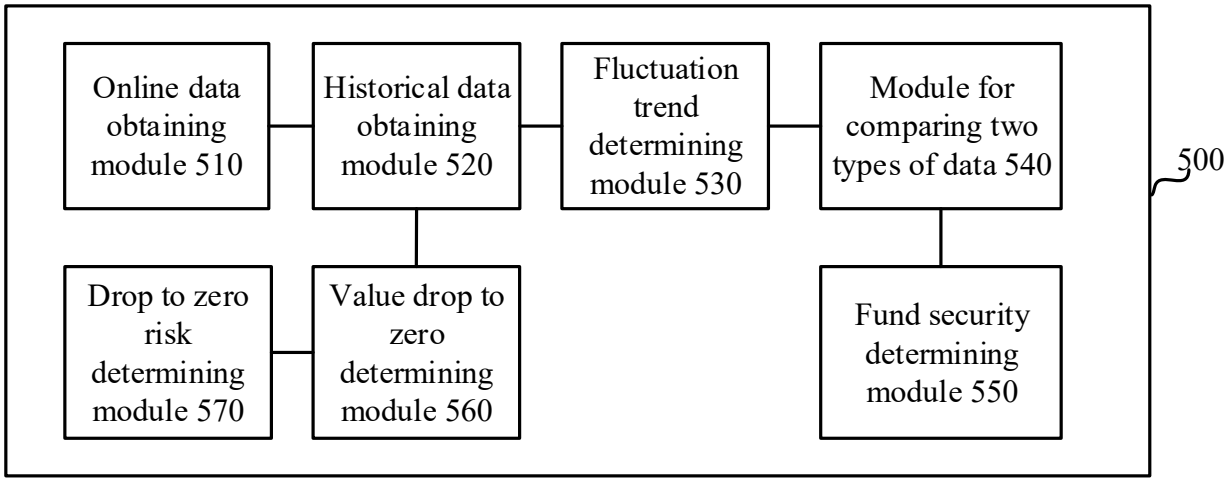
Online data obtaining module 510
Historical data obtaining module 520
Fluctuation trend determining module 530
Module for comparing two types of data 540
500
Drop to zero risk determining module 570
Value drop to zero determining module 560
Fund security determining module 550

FIG. 5

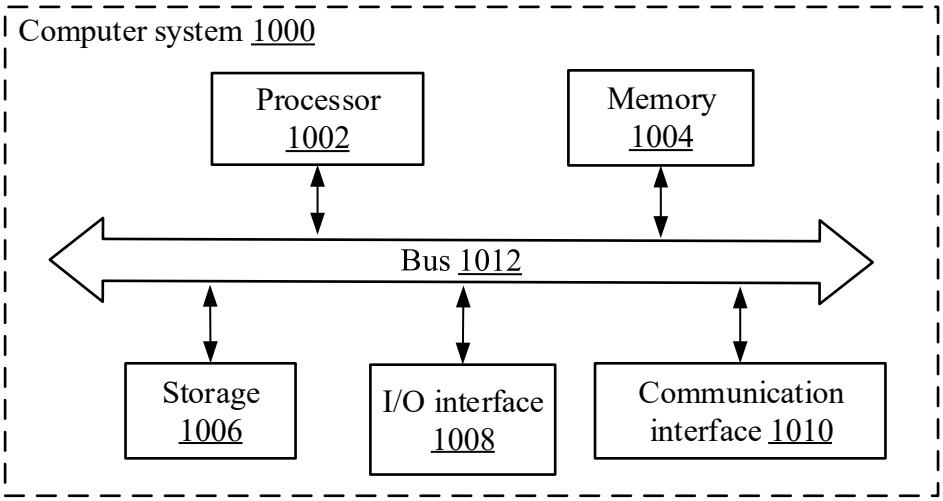
Computer system 1000
Processor 1002
Memory 1004
Bus 1012
Storage 1006
I/O interface 1008
Communication interface 1010

FIG. 6