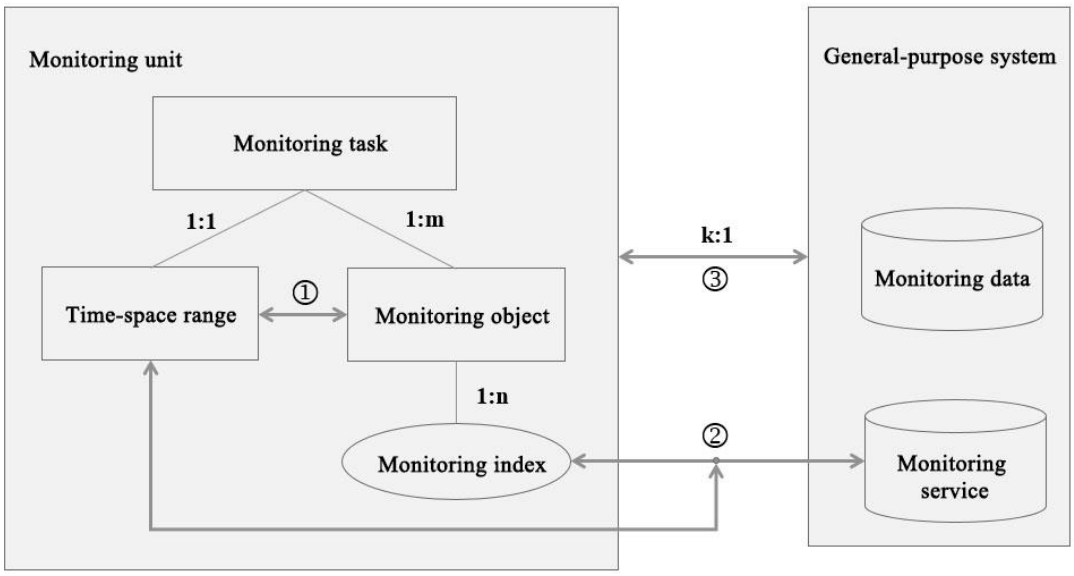

Monitoring unit
Monitoring task
1:1
1:m
Time-space range
①
Monitoring object
1:n
Monitoring index
k:1
③
②
General-purpose system
Monitoring data
Monitoring service

FIG. 1

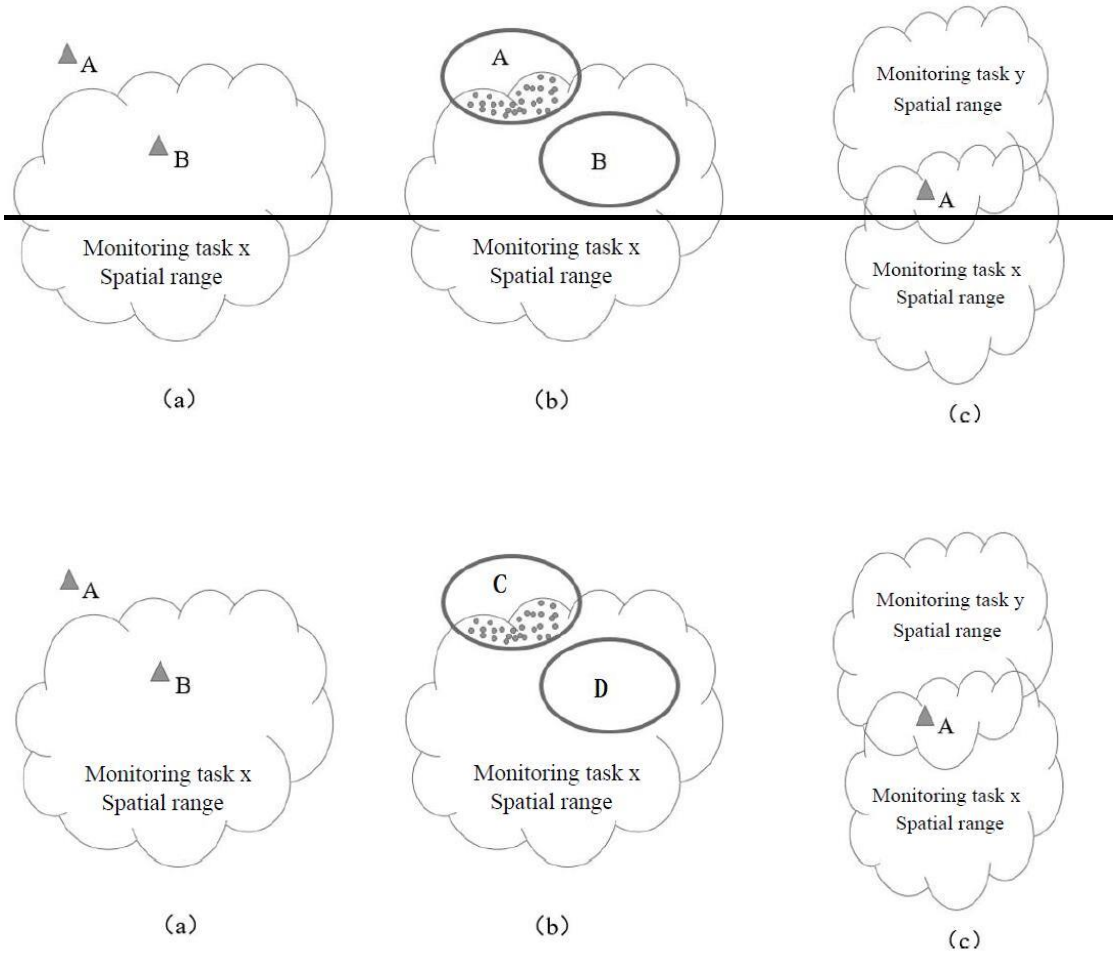

A
B
Monitoring task x
Spatial range
(a)
A
B
Monitoring task x
Spatial range
(b)
Monitoring task y
Spatial range
A
Monitoring task x
Spatial range
(c)
A
B
Monitoring task x
Spatial range
(a)
C
D
Monitoring task x
Spatial range
(b)
Monitoring task y
Spatial range
A
Monitoring task x
Spatial range
(c)

FIG. 2