

ABSTRACT

It is an object to provide an area determination system, an area determination method, and a program which improve the accuracy of determination of whether or not a transmitter is present in a target area. An area determination system includes a decision unit (F11), a calculation unit (F12), and a determination unit (F13). The decision unit (F11) decides, based on a strength of a radio signal transmitted from a transmitter and received by a receiver, a location of the transmitter. The calculation unit (F12) calculates a presence determination value. The presence determination value is based on a number of times that the location of the transmitter is determined to be in a presence determination region during a presence determination time period. The presence determination region corresponds to a target area. The determination unit (F13), when a presence condition is satisfied, determine that the transmitter is in the target area. The presence condition is that a state where the presence determination value is greater than or equal to a presence threshold continues for a presence determination time.

Fig. 3