

## ABSTRACT OF THE DISCLOSURE

Provided is an activity feature extraction device that analyzes activity route data in which person movement trajectory information and time information are associated with each other, where the activity feature extraction device is configured with a computer including an arithmetic device that executes a predetermined arithmetic process and a storage device that the arithmetic device can access, the arithmetic device includes a spatial divergence calculation that calculates a spatial divergence representing a spatial difference between the activity route data, the arithmetic device includes a temporal divergence calculation unit that calculates a temporal divergence that represents a temporal difference between the activity route data, the arithmetic device includes a spatiotemporal clustering unit that calculates an activity feature similarity from the spatial divergence and the temporal divergence, and clusters the activity route data using the calculated activity feature similarity, and the arithmetic device includes an output generation unit that outputs information of the cluster generated by the spatiotemporal clustering unit.

Fig. 1