

TITLE: DETERMINATION DEVICE, DETERMINATION METHOD, AND
DETERMINATION PROGRAM

ABSTRACT

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A determination device includes a collection unit, a characteristic value calculation unit, a difference calculation unit, and a determination unit. The collection unit collects data related to indoor environment in which air-conditioning equipment is installed for each of specified time periods. The characteristic value calculation unit performs a simulation
10 of indoor environment based on the data for each time period collected by the collection unit, and calculates a characteristic value from a simulation result for each time period. For corresponding times in time periods, the difference calculation unit calculates a difference between the characteristic value for each time period calculated by the characteristic value calculation unit and a value contained in the data related to indoor
15 environment for each time period collected by the collection unit. The determination unit determines an abnormality of the air-conditioning equipment based on a distribution of the difference calculated by the difference calculation unit.

20 FIG. 2