

[ABSTRACT]

An operation efficiency estimation system according to an embodiment includes fluid transportation devices, an operation information acquirer, an operation period extractor, a power measurer, a pressure measurer, a flow rate measurer, and an operation efficiency estimator. The fluid transportation devices are installed respectively in a plurality of transportation paths merging at a point and transport fluid. The operation information acquirer acquires operation information indicating whether each fluid transportation device is active or inactive. The operation period extractor extracts a period during which the fluid transportation device is active alone on the basis of the operation information. The power measurer acquires power information indicating power consumption of the fluid transportation device. The pressure measuring part acquires pressure information of the fluid. The flow rate measurer acquires flow rate information at the merging point. The operation efficiency estimator estimates the operation efficiency of the fluid transportation device on the basis of the power information, the pressure information and the flow rate information in the period.