

ABSTRACT

An automatic crane operation device that improves accuracy of a control parameter for automatic operation of a crane is provided. An automatic operation device 100 for a crane 1 includes a position condition setter that sets a start position and an end position of movement of a suspended load, a suspended load condition setter that sets a suspended load condition, a weather condition setter that sets a weather condition, a crane condition setter that sets a crane condition, a suspended load swing amount setter, a transfer time setter, a simulator 23 that performs simulation of movement of a suspended load support of the crane 1, generates a route for the suspended load support, and calculates a control parameter for executing automatic control of a drive device of the crane 1, and a crane controller 25 that executes automatic control of the drive device of the crane 1 to move the suspended load support of the crane 1 in accordance with the route and the control parameter.

Figure 2