ABSTRACT

The invention is to measure the height of a floor surface in a short time. A floor surface height measurement robot system (1) includes: a traveling unit configured to travel on a floor surface; a robot controlling unit (210) configured to control a robot (2) to travel to a predetermined position on the floor surface by using the traveling unit; a three-dimensional measuring unit (4) configured to measure position and height of a measurement target (23) of the robot (2); a robot operating unit configured to instruct the robot controlling unit (210) to move the robot (2) to coordinates of the measurement point information by using the traveling unit based on measurement point information in coordinates of a floor surface drawing; and a height calculating unit (214) configured to calculate a height of the floor surface at a position of the measurement point information based on a height of the measurement target, which is measured by the three-dimensional measuring unit (4).

[Figure 1]