

[Name of Document] ABSTRACT

[Title of Invention] ELEVATOR APPARATUS AND METHOD FOR
CONTROLLING ELEVATOR APPARATUS

[Object] To suppress variations in evaluation accuracy of the equality of intervals, realize stably equal intervals, and decrease a long-wait ratio by predicting an operation route with higher reliability on the basis of reliable information registered by a user.

[Solution] An elevator apparatus according to the present invention is a group-management elevator apparatus that assigns one of in-service units providing a service to each of users on the basis of elevator usage information including at least an origin floor and a destination floor of the user, the elevator usage information being registered before entering an elevator. The elevator apparatus includes a route creation section that creates a future operation route that is fixed in reflection of the elevator usage information, an evaluation section that evaluates equality of time intervals of each of the in-service units in future on the basis of the future operation route, and a to-be-assigned unit determination section that assigns one of the in-service units providing a service to each of the users, on the basis of an evaluation result generated by the evaluation section.

[Selected Figure] Fig. 1