

Abstract

TARGET SPEED DETERMINATION DEVICE, TARGET SPEED DETERMINATION METHOD AND PROGRAM, VEHICLE CONTROL DEVICE, AND VEHICLE

In the present invention: a power consumption calculation unit sets target speeds in a plurality of sections of a track; the power consumption calculation unit calculates, on the basis of the target speeds, the power consumption when the track is traveled; a target speed change unit changes combinations of target speeds in the plurality of sections set by the power consumption calculation unit; an evaluation value calculation unit calculates an evaluation value on the basis of an evaluation function for each combination of target speeds; the evaluation function is a function in which the power consumption calculated by the power consumption calculation unit is multiplied by a prescribed weight; and a target speed determination unit sets the combination of target speeds in which the evaluation value is smallest as the target speed of the vehicle in each section.

FIG. 1