

ABSTRACT

An equipment characteristics model learning device includes an acquisition unit and a model coefficient deriving unit. The acquisition unit is configured to acquire actual values of variables which are used to express characteristics of equipment in a characteristics model indicating the characteristics. The model coefficient deriving unit is configured to derive a value of a coefficient of a simple characteristic model using the acquired actual values, wherein the simple characteristic model corresponds to a value range of a change factor variable which is a variable serving as a change factor for the characteristics among the variables of the characteristic model and indicates the characteristics using variables obtained by lowering the number of dimensions of the characteristic model.