ABSTRACT

Provided are a computer program, a learning model generation method, an information processing method, and an information processing apparatus that can be expected to reduce an influence of noise or the like in substrate processing state detection using a learning model. A computer program according to an embodiment causes a computer to execute processing of acquiring sensor data related to substrate processing, inputting the acquired sensor data into a learning model and acquiring sensor data output by the learning model, calculating an individual error for each measurement value between the sensor data input into the learning model and the sensor data output by the learning model, assigning weights to a plurality of the calculated individual errors, respectively, to calculate a total error, updating an internal parameter of the learning model based on the calculated total error, and adjusting the weights assigned to the individual errors according to a convergence status of the individual errors.

FIG. 1