

Abstract

An information processing system according to the present disclosure is for a combustion facility, and comprises: an acquisition unit that acquires state quantity information, which is information relating to a state quantity of the combustion facility; and an operation content derivation unit that inputs the state quantity information acquired by the acquisition unit and derives operation content for a supply apparatus that supplies an object to be incinerated to the combustion facility, in accordance with the input state quantity information, using a learning model that has been trained on the basis of a correspondence relationship between the state quantity information, the operation content of the supply apparatus, and a reward according to the state of the combustion facility.