

ABSTRACT

A coordinating apparatus selects a plurality of discrete systems from a group of discrete systems each of which simulates behavior of an actual environment and outputs an indicator value related to the actual environment, shares each of internal states related to the actual environments obtained on a basis of the behavior simulated by each of the plurality of discrete systems selected in the selection process, generates a shared internal state, decides such an action that a post-coordination integrated indicator value obtained by integrating a post-coordination indicator value from each of the plurality of discrete systems in a case where the plurality of discrete systems are coordinated is optimized, the action being should be taken and being able to be taken by each of the discrete systems on a basis of the shared internal state in a case where the plurality of discrete systems are coordinated, determines whether or not the plurality of discrete systems should be coordinated on a basis of the post-coordination indicator values, and the indicator value from each of the plurality of discrete systems, and outputs a determination result.