

ABSTRACT

The present application belongs to the technical field of artificial intelligence. Disclosed are an action decision-making method and apparatus for a virtual character, and a device and a storage medium. The method comprises : acquiring state information, which is used for representing a matchup state of a matchup that a first virtual character is in; inputting the state information into an action decision-making model, so as to obtain n target sub-actions which are serially outputted by n action output heads in the action decision-making model, wherein different action output heads correspond to different action types, the n action output heads are connected in series on the basis of a dependency relationship between the action types, and the dependency relationship is used for representing a dependency limitation condition between the sub-actions under different action types; and controlling the first virtual character to execute a target action formed by the n target sub-actions. By means of the embodiments provided in the present application, a dependency relationship between all action types can be taken into consideration when action decision-making is realized by means of an action decision-making model, thereby improving the rationality of the action decision-making.

Figure 13