

METHOD AND APPARATUS FOR MOTION ORCHESTRATION OF DIGITAL HUMANS

ABSTRACT

Embodiments of this specification relate to a method and an apparatus for motion orchestration of digital humans. Inputs of the method include a first word sequence corresponding to a target text and a first motion set. The first motion set includes a plurality of motions. Any motion has a preset trigger word and corresponding motion duration. Words in the first word sequence are then matched against the motions in the first motion set based on the trigger words corresponding to the motions to obtain a first matching result. The first matching result includes alternative motion sets corresponding to the words. A group of motion sequences that do not overlap in the temporal dimension are then determined from the first matching result based on positions of the words in the target text and the motion duration of the motions to obtain a first motion sequence. The first motion sequence is configured to indicate a digital human to make a corresponding motion when delivering the target text.

[Fig. 1]