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(10) 国际公布号

WO 2024/103637 A9

(43) 国际公布日
2024 年 5 月 23 日 (23.05.2024)

- (51) 国际专利分类号:
G06F 16/40 (2019.01) G06F 18/214 (2023.01)
- (21) 国际申请号: PCT/CN2023/090889
- (22) 国际申请日: 2023 年 4 月 26 日 (26.04.2023)
- (25) 申请语言: 中文
- (26) 公布语言: 中文
- (30) 优先权:
202211441749.0 2022 年 11 月 17 日 (17.11.2022) CN
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(54) Title: DANCE MOVEMENT GENERATION METHOD, COMPUTER DEVICE, AND STORAGE MEDIUM

(54) 发明名称: 舞蹈动作生成方法、计算机设备及存储介质

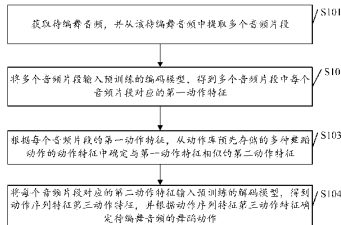


图 1

- S101 Acquire an audio to be used for choreography, and extract a plurality of audio clips from said audio
- S102 Input the plurality of audio clips into a pre-trained encoding model to obtain a first movement feature corresponding to each audio clip among the plurality of audio clips
- S103 According to the first movement feature for each audio clip, determine from among movement features of a plurality of dance movements pre-stored in a movement library second movement features similar to the first movement features
- S104 Input the second movement feature corresponding to each audio clip into a pre-trained decoding model to obtain a movement sequence feature, i.e. a third movement feature, and determine dance movements for said audio according to the movement sequence feature, i.e. the third movement feature

(57) Abstract: Disclosed in the embodiments of the present application are a dance movement generation method, a computer device, and a storage medium. The method comprises: acquiring an audio to be used for choreography, and extracting a plurality of audio clips from said audio; inputting the plurality of audio clips into a pre-trained encoding model to obtain a first movement feature for each audio clip among the plurality of audio clips; according to the first movement features, determining from among movement features of a plurality of dance movements pre-stored in a movement library second movement features similar to the first movement features; and inputting the second movement feature corresponding to each audio clip into a pre-trained decoding model to obtain a third movement feature, and determining dance movements for said audio according to the third movement feature. In this way, the dance movements can be automatically generated, thus meeting user requirements for automatic and intelligent dance movement generation, and improving the quality of the dance movements.

(57) 摘要: 本申请实施例公开了一种舞蹈动作生成方法、计算机设备及存储介质, 该方法包括: 获取待编舞音频, 并从待编舞音频中提取多个音频片段; 将多个音频片段输入预训练的编码模型, 得到多个音频片段中每个音频片段的第一动作特征; 根据第一动作特征, 从动作库预先存储的多种舞蹈动作的动作特征中确定与第一动作特征相似的第二动作特征; 将每个音频片段对应的第二动作特征输入预训练的解码模型, 得到第三动作特征, 并根据第三动作特征确定待编舞音频的舞蹈动作。通过这种方式可以自动化地生成舞蹈动作, 满足了用户对生成舞蹈动作的自动化、智能化需求, 并提高了舞蹈动作的质量。

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TD, TG)。

本国际公布:

— 包括国际检索报告(条约第21条(3))。

(48) 更正本的公布日:

2024 年 7 月 11 日 (11.07.2024)

(15) 更正内容:

见 2024 年 7 月 11 日 (11.07.2024) 公布的公告