CLAIMS

1. A method for generating a three-dimensional local human body model, comprising:

acquiring bone parameter adjustment information of the three-dimensional local human body model;

adjusting bone parameters of the three-dimensional local human body model according to the bone parameter adjustment information; and

generating the three-dimensional local human body model according to adjusted bone parameters,

wherein the three-dimensional local human body model comprises a face model, and the method further comprises:

generating a face map based on bone parameters of the face model, the face map comprising a plurality of areas, and each of the areas corresponding to a replaceable component of a face makeup of the face model;

acquiring a corresponding replaceable component map for each of the areas according to parameters of the area;

combining each replaceable component map with the face map to obtain a combined map; and

mapping the combined map onto the face model to generate the face makeup of the face model.

2. The method of claim 1, wherein acquiring bone parameter adjustment information of the three-dimensional local human body model comprises:

receiving a bone parameter adjustment instruction; and

determining the bone parameter adjustment information according to the bone parameter adjustment instruction.

3. The method of claim 1, wherein adjusting bone parameters of the three-dimensional local human body model according to the bone parameter adjustment information comprises:

acquiring parameters of at least one bone associated with the bone parameter adjustment information from among the bone parameters of the three-dimensional local human body model; and

adjusting the parameters of the at least one bone according to the bone parameter adjustment information.

4. The method of claim 3, wherein in a case where the at least one bone comprises a plurality of bones, adjusting the parameters of the at least one bone according to the bone parameter adjustment information comprises:

adjusting parameters of the plurality of bones simultaneously according to the bone parameter adjustment information.

5. The method of claim 3, wherein adjusting the parameters of the at least one bone according to the bone parameter adjustment information comprises:

acquiring a first adjustment range corresponding to the bone parameter adjustment information;

acquiring a second adjustment range of bone parameters associated with the bone parameter adjustment information; and

adjusting values of the bone parameters associated with the bone parameter adjustment information within the second adjustment range according to a change ratio of the bone parameter adjustment information within the first adjustment range.

6. The method of claim 2, wherein determining the bone parameter adjustment information

according to the bone parameter adjustment instruction comprises:

acquiring an output change amount of a control set for the bone parameter adjustment instruction; and

determining the bone parameter adjustment information according to the output change amount.

7. The method of claim 1, wherein one or more of the plurality of areas are rectangular areas, parameters of each rectangular area comprise width and height, and acquiring the corresponding replaceable component map according to the parameters of the area comprises:

acquiring a replaceable component map consistent with the width and the height of the rectangular area.

8. The method of claim 1, wherein one or more of the plurality of areas are rectangular areas, parameters of each rectangular area comprise a coordinate horizontal offset value and a coordinate vertical offset value, the replaceable component map comprises transparency information, and combining the replaceable component map with the face map comprises:

copying a replaceable component map to a respective rectangular area according to the coordinate horizontal offset value and coordinate vertical offset value of the rectangular area corresponding to the replaceable component map; and

mixing the face map and the replaceable component map according to the transparency information.

9. The method of claim 1, wherein the replaceable component map comprises transparency information, and acquiring the replaceable component map corresponding to the area comprises:

acquiring texture information selected for the replaceable component; and

mixing the transparency information of the replaceable component map and the texture information to generate a replaceable component map with texture.

10. The method of claim 1, wherein mapping the combined map onto the face model comprises:

mapping the combined map onto the face model according to ultraviolet (UV) texture coordinates of the face model.

11. The method of claim 1, wherein the method further comprises:

acquiring first bone parameters and first blend shape data corresponding to a standard face model;

acquiring second bone parameters corresponding to the face model; and

obtaining second blend shape data corresponding to the face model using the first blend shape data based on a transformation relationship between the second bone parameters and the first bone parameters.

12. An apparatus for generating a three-dimensional local human body model, comprising:

a memory storing processor-executable instructions; and

a processor arranged to execute the stored processor-executable instructions to perform operations of:

acquiring bone parameter adjustment information of the three-dimensional local human body model;

adjusting bone parameters of the three-dimensional local human body model according to the bone parameter adjustment information; and

generating the three-dimensional local human body model according to adjusted bone

parameters,

wherein the three-dimensional local human body model comprises a face model, and the processor is arranged to execute the stored processor-executable instructions to further perform operations of:

generating a face map based on bone parameters of the face model, the face map comprising a plurality of areas, and each of the areas corresponding to a replaceable component of a face makeup of the face model;

acquiring a corresponding replaceable component map for each of the areas according to parameters of the area;

combining each replaceable component map with the face map to obtain a combined map; and

mapping the combined map onto the face model to generate the face makeup of the face model.

13. The apparatus of claim 12, wherein acquiring bone parameter adjustment information of the three-dimensional local human body model comprises:

receiving a bone parameter adjustment instruction; and

determining the bone parameter adjustment information according to the bone parameter adjustment instruction.

14. The apparatus of claim 12, wherein adjusting bone parameters of the three-dimensional local human body model according to the bone parameter adjustment information comprises:

acquiring parameters of at least one bone associated with the bone parameter adjustment information from among the bone parameters of the three-dimensional local human body model; and

adjusting the parameters of the at least one bone according to the bone parameter

adjustment information.

15. The apparatus of claim 14, wherein in a case where the at least one bone comprises a plurality of bones, adjusting the parameters of the at least one bone according to the bone parameter adjustment information comprises:

adjusting parameters of the plurality of bones simultaneously according to the bone parameter adjustment information.

16. The apparatus of claim 14, wherein adjusting the parameters of the at least one bone according to the bone parameter adjustment information comprises:

acquiring a first adjustment range corresponding to the bone parameter adjustment information;

acquiring a second adjustment range of bone parameters associated with the bone parameter adjustment information; and

adjusting values of the bone parameters associated with the bone parameter adjustment information within the second adjustment range according to a change ratio of the bone parameter adjustment information within the first adjustment range.

17. The apparatus of claim 13, wherein determining the bone parameter adjustment information according to the bone parameter adjustment instruction comprises:

acquiring an output change amount of a control set for the bone parameter adjustment instruction; and

determining the bone parameter adjustment information according to the output change amount.

18. A non-transitory computer-readable storage medium having stored thereon computer-readable instructions that, when executed by a processor, cause the processor to perform a

method for generating a three-dimensional local human body model, the method comprising:

acquiring bone parameter adjustment information of the three-dimensional local human body model;

adjusting bone parameters of the three-dimensional local human body model according to the bone parameter adjustment information; and

generating the three-dimensional local human body model according to adjusted bone parameters,

wherein the three-dimensional local human body model comprises a face model, and the method further comprises:

generating a face map based on bone parameters of the face model, the face map comprising a plurality of areas, and each of the areas corresponding to a replaceable component of a face makeup of the face model;

acquiring a corresponding replaceable component map for each of the areas according to parameters of the area;

combining each replaceable component map with the face map to obtain a combined map; and

mapping the combined map onto the face model to generate the face makeup of the face model.

19. The non-transitory computer-readable storage medium of claim 18, wherein acquiring bone parameter adjustment information of the three-dimensional local human body model comprises:

receiving a bone parameter adjustment instruction; and

determining the bone parameter adjustment information according to the bone parameter adjustment instruction.

20. The non-transitory computer-readable storage medium of claim 18, wherein adjusting bone parameters of the three-dimensional local human body model according to the bone parameter adjustment information comprises:

acquiring parameters of at least one bone associated with the bone parameter adjustment information from among the bone parameters of the three-dimensional local human body model; and

adjusting the parameters of the at least one bone according to the bone parameter adjustment information.