CLAIMS

What is claimed is:

1. An operation control display method based on a virtual scene, applied to a computer device, the method comprising:

obtaining position information of a target virtual object in a virtual scene, the target virtual object being a virtual object controlled by a terminal;

determining a region type of a region indicated by the position information based on the position information;

determining an element type of a virtual element corresponding to the region type as an element type of a target virtual element; and

displaying, in a control display region in the virtual scene, a target operation control corresponding to the element type of the target virtual element, the target operation control being configured to control the target virtual object to interact with the target virtual element.

2. The method according to claim 1, wherein the determining a region type of a region indicated by the position information based on the position information comprises:

determining, based on the position information, a position index of a region indicated by the position information; and

obtaining, based on the position index, the region type of the region from a map index table corresponding to the virtual scene, the map index table comprising a position index of each region in the virtual scene and a region type of the each region.

3. The method according to claim 1, wherein after the determining a region type of a region indicated by the position information based on the position information, the determining an element type of a virtual element corresponding to the region type as an element type of a target virtual element comprises:

determining, based on the position information, an element type of a virtual element closest to the target virtual object from the virtual elements comprised in the region indicated by the position information as the element type of the target virtual element.

4. The method according to claim 1, wherein after the determining a region type of a region indicated by the position information based on the position information, the determining an element

type of a virtual element corresponding to the region type as an element type of a target virtual element comprises:

determining, by using a position indicated by the position information as a center, a target region in the region indicated by the position information;

determining a quantity of virtual elements comprised in each element type in the target region; and

determining an element type comprising a maximum quantity of virtual elements as the element type of the target virtual element.

5. The method according to claim 1, wherein after the determining a region type of a region indicated by the position information based on the position information, the determining an element type of a virtual element corresponding to the region type as an element type of a target virtual element comprises:

determining, by using a position indicated by the position information as a center, a target region in the region indicated by the position information;

determining an interactive priority of each virtual element in the target region; and

determining an element type of a virtual element having a highest interactive priority as the element type of the target virtual element.

6. The method according to claim 1, wherein the displaying, in a control display region in the virtual scene, a target operation control corresponding to the element type of the target virtual element comprises:

obtaining, for any control display position in the control display region, candidate operation controls corresponding to the any control display position;

matching the element type of the target virtual element with a display condition of each candidate operation control;

determining a candidate operation control of which a display condition successfully matches the element type of the target virtual element as the target operation control; and

displaying the target operation control at the any control display position.

7. The method according to claim 6, wherein the displaying the target operation control at the any control display position comprises:

determining whether an operation control currently displayed at the control display position is

the same as the target operation control; and

continuously displaying the currently displayed operation control in a case that the operation control currently displayed at the control display position is the same as the target operation control; and switching the currently displayed operation control to the target operation control in a case that the operation control currently displayed at the control display position is different from the target operation control.

8. The method according to claim 1, wherein the obtaining position information of a target virtual object in a virtual scene comprises:

obtaining the position information of the target virtual object in real time in response to a movement operation on the target virtual object.

9. The method according to claim 8, wherein after the obtaining the position information of the target virtual object in real time, the method further comprises:

determining a region type of a region indicated by the position information; and

performing, in response to a change of the region type, the operation of determining an element type of a virtual element corresponding to the region type as an element type of a target virtual element.

10. An operation control display apparatus based on a virtual scene, the apparatus comprising:

an obtaining module, configured to obtain position information of a target virtual object in a virtual scene, the target virtual object being a virtual object controlled by a terminal;

a determining module, configured to determine a region type of a region indicated by the position information based on the position information, and determine an element type of a virtual element corresponding to the region type as an element type of a target virtual element; and

a display module, configured to display, in a control display region in the virtual scene, a target operation control corresponding to the element type of the target virtual element, the target operation control being configured to control the target virtual object to interact with the target virtual element.

11. The apparatus according to claim 10, wherein the determining module is configured to:

determine, based on the position information, a position index of a region indicated by the position information; and

obtain, based on the position index, the region type of the region from a map index table

corresponding to the virtual scene, the map index table comprising a position index of each region in the virtual scene and a region type of the each region.

12. The apparatus according to claim 10, wherein the determining module is configured to:

determine, based on the position information, an element type of a virtual element closest to the target virtual object from the virtual elements comprised in the region indicated by the position information as the element type of the target virtual element.

13. The apparatus according to claim 10, wherein the determining module is configured to:

determine, by using a position indicated by the position information as a center, a target region in the region indicated by the position information;

determine a quantity of virtual elements comprised in each element type in the target region; and

determine an element type comprising a maximum quantity of virtual elements as the element type of the target virtual element.

14. The apparatus according to claim 10, wherein the determining module is configured to:

determine, by using a position indicated by the position information as a center, a target region in the region indicated by the position information;

determine an interactive priority of each virtual element in the target region; and

determine an element type of a virtual element having a highest interactive priority as the element type of the target virtual element.

15. A computer device, comprising one or more processors and one or more memories, the one or more memories storing at least one program code, the at least one program code being loaded and executed by the one or more processors, to implement the operation control display method based on a virtual scene according to any one of claims 1 to 9.

16. A computer-readable storage medium, storing at least one program code, the at least one program code being loaded and executed by a processor, to implement the operation control display method based on a virtual scene according to any one of claims 1 to 9.