3D虛擬實境場景之建構與網路遠端操控系統

劉俊宏, 范志海

機械工程學系

工學院

fan@chu.edu.tw

摘要

The purpose of this thesis is using Virtools to made VR(Virtual Reality) of car driving. And we used 3DS MAX to created 3D object for VR. We also profile some command of Virtools.

In VR of car driving , include crooker road , acclivity and descent , straightway , traffic light , parking car and car driving ,speed up or down and turn left or right all accomplish by Virtools.

We design an Internet-Based Remote System. In this program we use DirectInput of DirectX to get joystick information, and by Winsock to send data. This program is design by VB.

關鍵字：3DSMAX,Virtools,Virtual Reality,DirectX, Winsock