Abstract

While transmission of complex data through wireless network for visualization on mobile
devices various aspects can be consider such as bandwidth, frame rates, latency and screen resolution of mobile device. As the mobile devices are of low configuration as compared to desktop therefore remote visualization of complex data on mobile takes lot of efforts. Because of low bandwidth low frame rates may generates on mobile device. In such situations compression techniques plays a vital role for the 3D visualization on mobile device to generate maximum frame rates. In this paper focus is given on most efficient and valuable compression techniques used while transmission of data from server to mobile for 3D visualization on mobile devices.

References

- SungYe Kim1, Ross Maciejewski1, Karl Ostmo, Edward J. Delp, Timothy F. Collins,

Index Terms

Computer Science
Engineering and Technology

Keywords
Mobile devices  client-server approach  local and remote visualization  compression techniques.