

Development of the hemispherical multi-touch panel for the rear-projection digital globe "Dagik Earth"

*Yukinobu Koyama¹, Naoki Hirota¹

1. National Institute of Technology, Oita College

As you can see from the usage situation of JpGU's exhibition, the digital globe "Dagik Earth" is effective as a tool for outreach of geosciences. Various controllers such as mouse, trackball, Wii remote controller, and so forth have been tried by Dagik Earth before. However, the user interface that manipulates contents by touching the digital globe itself has not been realized. We developed a hemispherical multi touch panel for the rear projection digital globe Dagik Earth. This multi touch panel realized by an inexpensive infrared method can operate even under a fluorescent lamp.

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