

Mirror Interface: A Shared Space Using Mirror Metaphor for Interactive Communication

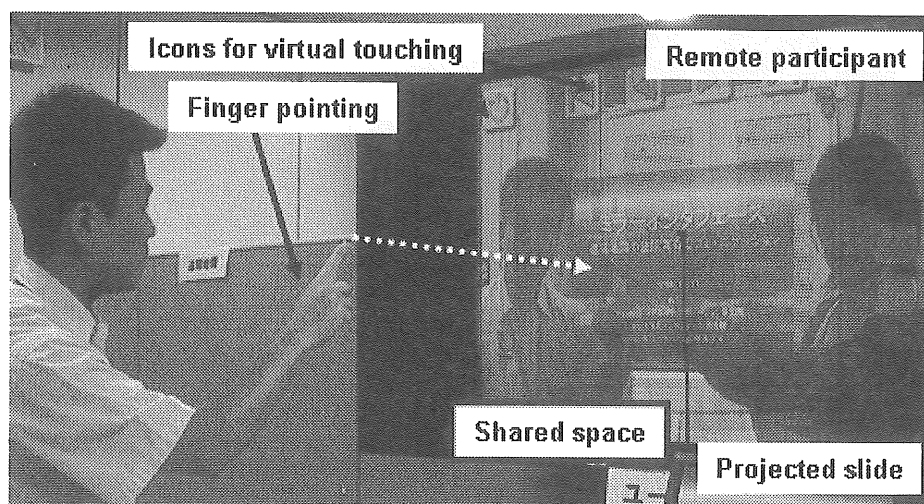
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A novel interactive communication method named Mirror Interface over JGNII[†] is presented. It provides separated participants a seamless shared space on displays using mirror as a metaphor. The participants can see themselves as if they were together in the same real space. The system can also establish non-verbal communication among them using even ambiguous gesture. The participants can interact with displayed objects by so-called “virtual touching” with their hands, which is a direct pointing interface in the shared space implemented by an image processing technique.

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Shared Space and “Virtual Touching” for Mirror Interface