
Tilt Display Demonstration: A Display Surface with Multi-axis Tilt & Actuation

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Abstract

This demonstration accompanies a full paper accepted into MobileHCI '12 [1]. We demonstrate a new type of actuatable display, called a Tilt Display, that provides visual feedback combined with multi-axis tilting and vertical actuation. Its ability to physically mutate provides users with an additional information channel that facilitates a range of new applications including collaboration and tangible entertainment while enhancing familiar applications such as terrain modelling by allowing 3D scenes to be rendered in a physical-3D manner.

Author Keywords

Tilt Displays; actuated displays; physical actuation; nonplanar surface interaction

ACM Classification Keywords

H.5.2 [Information Interfaces and Presentation]: User Interfaces.

References

[1] Alexander, J., Lucero, A. and Subramanian, S. Tilt Displays: Designing Display Surfaces with Multi-axis Tilting and Actuation. In *Proc. MobileHCI'12*, ACM.

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