

HandSCAPE

Collaborators

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HandSCAPE is an orientation-aware digital measuring tape. While a traditional measuring tape only measures linear distance, the addition of orientation sensors allows a vector measurement of both length and direction, and the tape can serve as an input device to computer drawing and modeling applications.

HandSCAPE provides a simple interface for generating digital models of physical objects. The interaction involves taking measurements of several physical objects and the distances between them. Once the model has been generated, the user can manipulate it in the digital domain. HandSCAPE preserves reliance on human senses and skills by referring to the familiar process of measuring objects and spaces.

