

1. Record Nr.	UNINA9910872739103321
Titolo	10th Haptic Interfaces for Virtual Environment and Teleoperator Systems: Proceedings 2002: Orlando, FL
Pubbl/distr/stampa	[Place of publication not identified], : IEEE Computer Society Press, 2002
Descrizione fisica	1 online resource
Disciplina	005.43
Soggetti	Virtual computer systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	Forty-nine papers from a March 2002 symposium are presented here, reflecting advances in the areas of haptic device evaluation, psychophysical studies of haptic perception, new devices, rendering, identification and control techniques, and applications, many in the medical domain. Specific subjects discussed include haptic feedback and human performance in a dynamic task, haptic volume interaction with anatomic models at sub-voxel resolution, understanding of fingernail-bone interaction and fingertip hemodynamics for fingernail sensor design, and haptic rendering of data on unstructured tetrahedral grids. Applications examined include teaching Japanese character writing with a haptic interface, autostereoscopic and haptic visualization for space exploration and mission design, and a haptic hybrid controller for virtual prototyping of vehicle mechanisms. There is no subject index. Annotation copyrighted by Book News Inc., Portland, OR.