

	Performance Measures
2	Mouse based 6 DOF interaction
	Mouse modification of 3D interfaces
2	Free moving isotonic devices
2	Form factors of control handle
ב	Desktop isometric & elastic 6 DOF devices
	Position vs. Rate control
2	Armature based 6 DOF devices







	Instania Davisas
-	Also colled as displacement devises
	Also called as displacement devices
	The displacement of these devices is manped to cursor mevement
	The displacement of these devices is mapped to cursor movement
	Isometric Devices
	Also called as pressure devices or force devices
	These devices senses forces but does not percentibly move
	Force or displacement is mapped to the velocity, implies rate controlled
	E a : Deskton devices











	Involves mechanical arm	
	Hybrid of desktop & flying mouse	
•	Good with character posing applications	
Ad	dvantage	
	 No electromagnetic interference as the flying 	
	mouse	
	Fast response	
	 If joint control available, good device 	
	persistence and acquisition	
Dis	sadvantage	
	 If joint control not available, fails in device 	
	persistence	
	Causes fatigue	
	Operational limitation owing to cables	



Γh	e presentation was followed by a short discussion session to answer some queries
ב	Functioning of the Isotonic devices (E.g., Flying Mouse): This query was answered by referring to the related slides and explanation of using a magnetic tracking system
2	To get an idea about the knowledge depth acquired by the audience on this topic. A question about Which class of devices does the Flying Mouse belong to was asked. The audience was quick to respond with the correct answer: Isotonic Devices
2	The presentation slides were forwarded to author and originator of this article. The feedback received was: " I took a quick look and was very impressed."
	- Shumin Zhai, Ph.D