

Papers

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	Robotics and Autonomous Systems - http://www.elsevier.com/wps/find/journaldescription.cws_home/505622/description Journal publishing papers describing fundamental developments in the field of robotics, with special emphasis on autonomous systems. Most articles require payment to view but some are be viewed at no charge.	
	CMU Robotics Institute Technical Reports - http://www.ri.cmu.edu/cgi-bin/tech_reports.cgi 20 years of technical reports and research papers on robotics from the CMU Robotics Institute.	
	Nanorobotics Control Design and 3D Simulation - http://www.nanorobotdesign.com/ A collection of papers on control and simulation of nanorobotics for biomedical and other applications.	
	The Uncanny Valley - http://www.arclight.net/~pdb/nonfiction/uncanny-valley.html Popular explanation of Masahiro Mori's Uncanny Valley theory that explains why almost-human-looking robots scare people more than mechanical-looking robots.	
	Artificial Intelligent Systems and Their Societies - http://www.intelligent-systems.com.ar/intsynt/ An online book by Walter Fritz about intelligent systems and their use as cognitive architectures for robots. Proposes that intelligent robots should have pleasing and serving man rather than survival as a main objective.	
	Control of a Robot Hand using Tactile Sensors - http://membres.lycos.fr/fulguraupoingt/EnglishAbstractHTML.html Master Thesis by Samuel Crinier titled "Behavior-Based Control of a Robot Hand using Tactile Sensors". Describes Obelix, a mobile robot provided with grasping capabilities. Includes English and Swedish abstract and the full paper in PDF format.	
	ROBOKINE: Inverse Kinematics and Trajectory Planning - http://omega.uta.edu/~mvn6491/abstract.html Research paper describing a robotic kinematics cad/cae tool used for workspace analysis, inverse kinematics, and trajectory planning of industrial robots.	
	Controlling a multi-legged virtual character by human motion-capture-data - http://freenet-homepage.de/diplomarbeit/index_e.htm A diploma thesis by Torsten Haggemiller about retargetting human motion capture data to multi-legged virtual characters in realtime.	

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