

Mechatronic Systems Sensors And Actuators Fundamentals And Modeling The Mechatronics Handbook Second Edition

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Sensors & Actuators In Mechatronics Dr. Kevin Craig Associate Professor of Mechanical Engineering Department of Mechanical, Aerospace, and Nuclear Engineering Rensselaer Polytechnic Institute Troy, NY 12180 Office: JEC 3018 Phone: 518-276-6626 E-Mail: craigk@rpi.edu Fax: 518-276-4860 Mechatronics Laboratory: JEC 1022 Phone: 518-276-8978

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Many micro sensors, including biosensors and chemical sensors can be mass-produced. The ability to combine these mechanical structures and electronic circuitry on the same piece of silicon is also important. Actuators are another important component of a mechatronic system. Actuators are usually electrical, mechanical, fluid power or pneumatic-based.

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