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The video clips below illustrate various mechatronics and measurement system principles and devices described in the book. Chapter 1 - Introduction to Mechatronics and Measurement Systems 1.1 - Adept One robot demonstration 1.2 - Adept One robot internal design and construction 1.3 - Honda Asimo Raleigh, NC demonstration 1.4 - Sony "Qrio" Japanese dance demo [...]

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tools. New solutions are required, particularly in the areas of advanced sensing and perception, motion planning, intelligence and control. These are the challenges facing the next generation of mechatronic and robotic systems, so that these new ideas can be incorporated in the future analysis and design of mechatronic and robotic systems.

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