

Abstract

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This paper describes the mechatronics activities at the University of Twente. Research is carried out in the Drebbel Institute for Mechatronics. Some typical research projects in the areas of modeling and simulation and control are described. Mechatronic educational projects are part of the BSc programs in Electrical and Mechanical Engineering. A new (international) MSc program Mechatronics will educate mechatronic engineers who are urgently needed by industry. Mechatronics is an activity with a great impact in industry. Many research projects are carried out in cooperation with industry. By means of the recently started, EU-funded Mechatronics Innovation Centre, attention is also given to the transfer of know how on advanced mechatronics to small and medium sized enterprises.

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