

# Nugget Role of Software

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## Abstract

Software is a dominating factor in the development of complex systems. It plays a crucial role in the performance of the final product at the one hand, while it contributes significant to the development cost and elapsed time of development. This nugget discusses the role of software in the broader system context.

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# Mismatch between Role and Discipline

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## *role of software*

integration technology

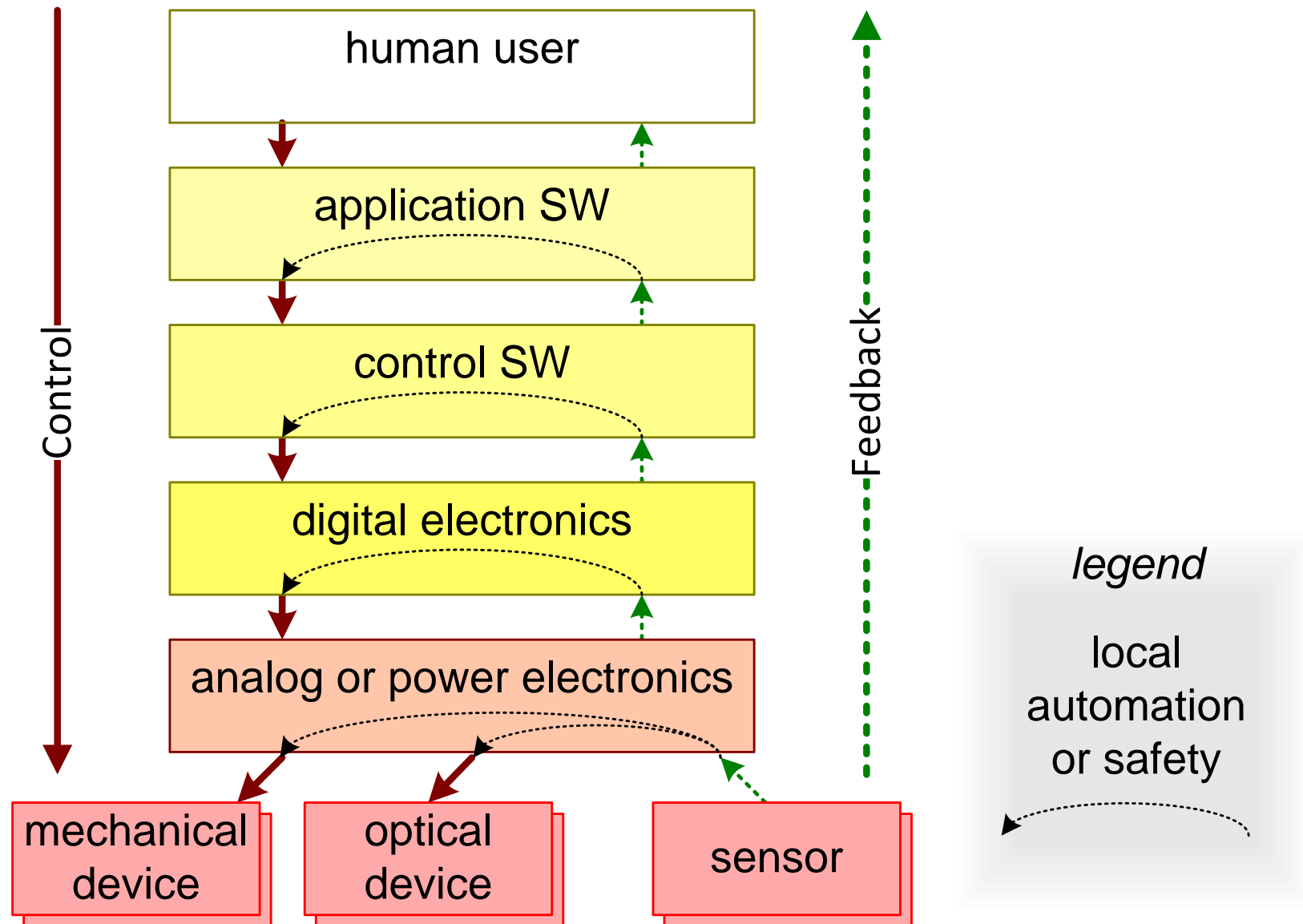
captures *application* functionality

defines lot of *system* behavior

determines how much of potential *system* performance is achieved

acts as director

# Control Hierarchy along Technology axis



# Characterization of disciplines

