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Cyber-Physical System, Driving Force for Innovation in Mobility, Health, Energy and Production. Springer-Verlag, Berlin, Heidelberg 2011 , S. 11-26 Google Scholar 5.

Complexity Thinking and Cyber-Physical Systems | ZWF ...

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The term "cyber-physical system" (CPS) sounds like a brand-new buzzword as it occurs increasingly as a theme of many conferences, in journal articles and books—like this one. Etymologically the prefix cyber derives from the ancient Greek word κυβερνήσις (kybernesis) and originally means control skills.

Evolution of Cyber-Physical Systems: A Brief Review ...

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Cyber-physical systems (abbr. CPS; cyber-physical systems) are characterized by a profound linking between software and information logistics components (cyber *) and mechanical, electronic, and sensory components (* physical). Thereby, the controlling and also the transfer and exchange of data takes place in real-time.

Cyber-physical Systems

cyber-physical systems, product-service systems, cyber-physical product-service systems, requirements engineering Abstract These days, manufacturers need to improve both their products and services, as well as their technological base to achieve a more sustainable value proposition, to become more efficient and effective in the market, and to ...

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