Abstract:

Complex mechatronic systems are developed in an interdisciplinary environment. However, they are often represented in several single-discipline diagrams, leading to communication issues and inefficient development processes. Existing visualization concepts revealed a shortage of tools that support complexity and interdisciplinarity. The model, presented in this paper, visualizes mechatronic systems as integrated systems and provides tailored diagrams with different perspectives and levels of abstraction that could support the different interdisciplinary design activities.

Stichworte:

visualization; interdisciplinary functions; complex systems
Occurences:

- Einrichtungen > Fakultäten > Fakultät für Maschinenwesen > Institut für Mechatronik >
  Lehrstuhl für Produktentwicklung und Leichtbau (Prof. Zimmermann) > Konferenzbeiträge
- Einrichtungen > Fakultäten > Fakultät für Maschinenwesen > Institut für Mechatronik >
  Lehrstuhl für Produktentwicklung (Prof. Volk komm.) > Konferenzbeiträge