tute of the Faculty of Electrical Engineering and Information Technol
search and teaching in the fields of modelling, synthesis and control
ice and system technology implementation.
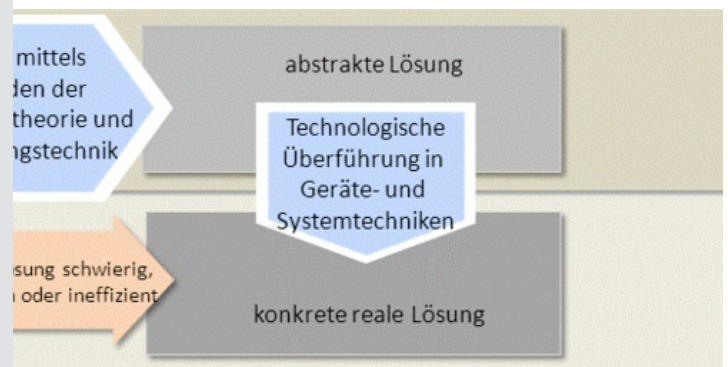
nterface of system sciences, natural sciences and engineering
ssential changes in the most diverse areas of daily life. The core idea
sis, synthesis and realisation to solve a technical-mathematical probl
FAT in Germany. The issues considered range from process
or automobile or solar cell production, the communications and

nd methods for the system-theoretical analysis and influencing of
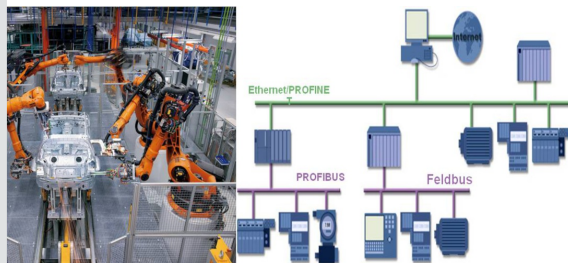rch group. The focal points here are:

complex non-linear systems

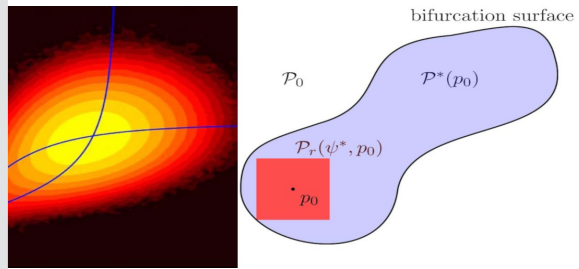he Max Planck Institute for Dynamics of Complex Technical Systems

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opment process of automation engineering systems is the subject of

re:

d of mathematical modelling of dynamic networks and mathematical

ssing on problems in systems biology and biomedicine. Research

tems

bifurcation surface

To the top