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Analysis and Synthesis of Coordinated Control Systems for Automated Road Vehicles

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The goal of the Special Issue is to propose analysis and synthesis methods, with which safe and energy-optimal coordination strategies of automated vehicle control systems can be achieved. It poses various control-theoretical challenges, e.g., the handling of nonlinearities, the formulation of uncertainties, and the assessment of performance issues in automated systems. Nevertheless, the conventional reconfigurable, robust parameter-varying, and nonlinear methods provide a starting-point for finding solutions for the recent problems. Moreover, through the novel data-driven and learning-based approaches, promising results in the field of automated vehicle control have been achieved.

Dr. Balázs Németh
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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