Vortragsankündigung

Seminar Regelungssysteme LV 0430L654

Donnerstag, 11. April 2013, 10:00 Uhr
Vortragsort: EN 223

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“Abstraction-based synthesis of discrete event systems”

When the plant model provides more detail than required for the controller design problem at hand, one may resort to a plant abstraction instead. A crucial question in such an abstraction-based controller design is whether the resulting controller enforces relevant control objectives not only for the abstraction but also for the original plant. In the context of supervisory control, so called natural observers can be used as abstractions in order to guarantee liveness properties for the closed-loop configuration. This talk gives a concise introduction to the topic and proposes an alternative approach.