A study on controller structure of biochemical reaction networks

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**Keywords:** controller structure, frequency response analysis, biochemical reaction networks

Many mathematical models of intracellular signal transduction systems have been developed toward model-based analysis [1]. However, since the models are typically complex and nonlinear, it is still a difficult task to analyze them [2]. In this poster, we address a fundamental study on what characteristics the biochemical reaction networks have if the system is considered to be a controller.
