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	The Selection of State Variables IV	
•	In the process of these additional differentiations, new variables and new equations are added to the set, so that a the end of the process, there is still one equation too many.	
•	If the desired state variable is legitimate, at least one of the previous state variables occurs among the set of equations that were differentiated.	
•	Throw the integrator associated with one of those stat variables away to once again end up with an identica number of equations and unknowns.	

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The Selection of State Variables VI				
 We wish to derive a different set of simulation equations that uses u_{RI} as a state variable, while eliminating one of the two former state variables from the set. To this end, we manually implement the state selection algorithm described earlier. 				
November 8, 2012	Prof. Dr. François E. Cellier	Start Presentation		











