

Part J

Case Study on Reactive Systems -Bridge Controller First Refinement: Invariant Preservation New Events





Before-After Predicates of Event Actions: 1st Refinement





PO/VC Rule of **Invariant Preservation**: Sequents



Discharging POs of m1: Invariant Preservation in Refinement



Discharging POs of m1: Invariant Preservation in Refinement



Lecture 2

Part K

Case Study on Reactive Systems – Bridge Controller First Refinement: Convergence New Events







Lecture 2

Part L

Case Study on Reactive Systems -Bridge Controller First Refinement: Relative Deadlock Freedom

Idea of Relative Deadlock Freedom 27 Rass



PO of Relative Deadlock Freedom



Example Inference Rules



Discharging POs of m1: Relative Deadlock Freedom



Discharging POs of m1: Relative Deadlock Freedom



