

Session 8 Discussion

Recorded by Nobukazu Yoshioka, NII, Japan

Robust Linear Quadratic Control of Software Systems by Marin Litoiu

There were questions as follows:

- What's type of system can be applied with Adaptive Control?
- How fast feedback loop should be?

Discrete Time Adaptive Linear Control for Software Systems by Martina Maggio

There were questions as follows:

- It is complex with load-balancer, so can we think of a simplified model?
- What is granularity, e.g., process, thread?
- How about multiple executing models?
- Is alternative computation possible?

Assured Graceful Degradation with Discrete Controller Synthesis by Kenji Tei

There were questions as follows:

- Do you assume that the relationship between E_{t+1} and E_t is always refinement relation?
- Does Δ_{T+1} include Δ_T ?
- How to define the boundary of winning region?
- How to discard abnormal case, how to recover?