Last but not least...

Matching Earliest-Deadline-First performance through deadline-oblivious policies

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INRIA Paris Seminar – June 2025

Outline

Motivation

System model

Performance analysis

Simulations

Future work

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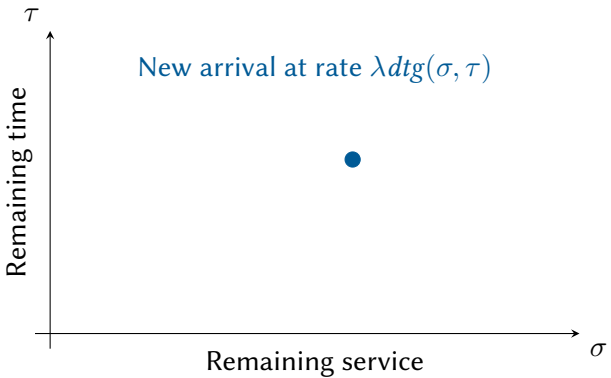
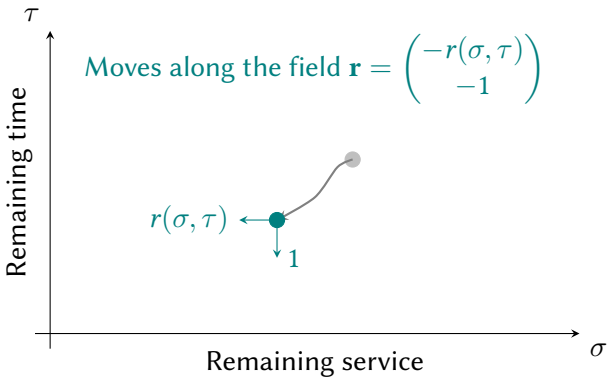
Remaining service state descriptor



Remaining service state descriptor



Remaining service state descriptor

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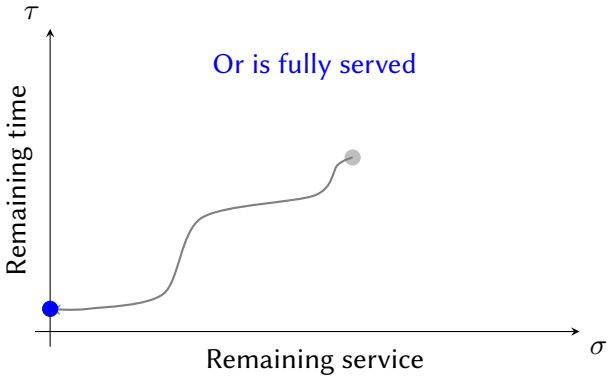
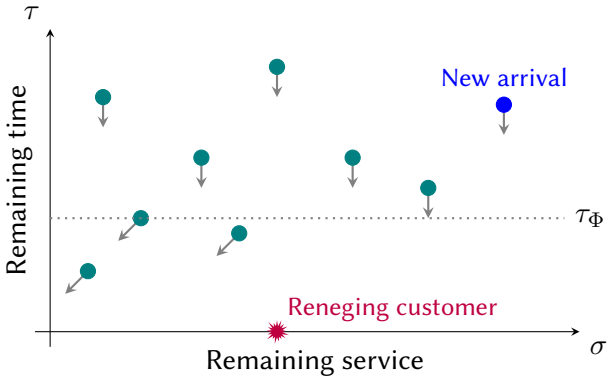
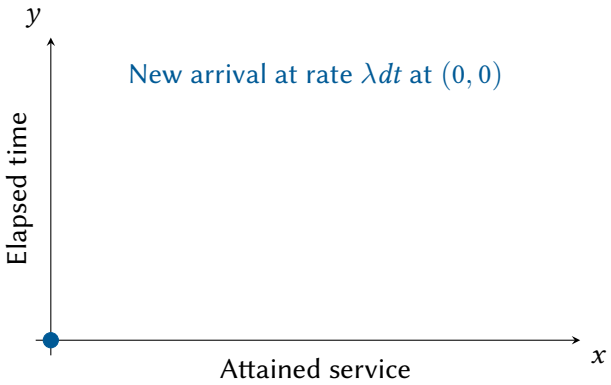


Example

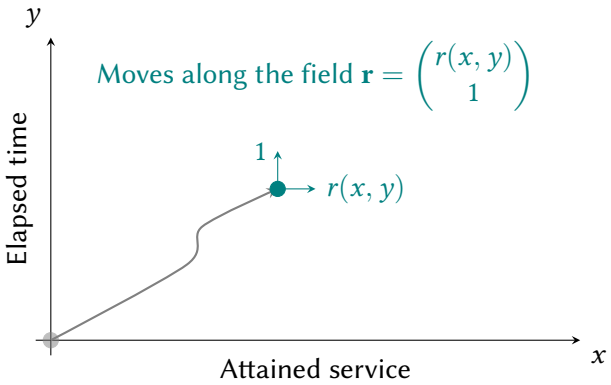
Earliest-deadline-first



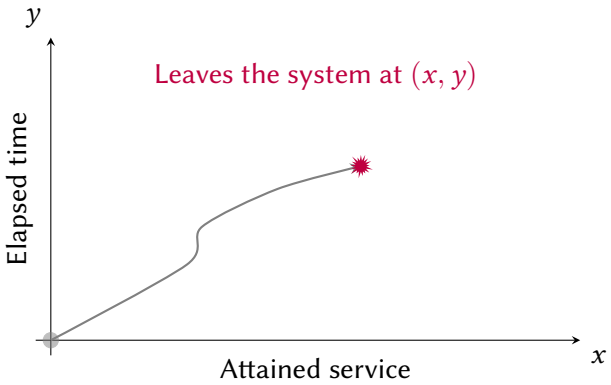
Attained service state descriptor



Attained service state descriptor



Attained service state descriptor



The hazard rate field

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Solving the transport equation

Remaining service case

Solving the transport equation

Attained service case

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Final remarks

Merci beaucoup!

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