

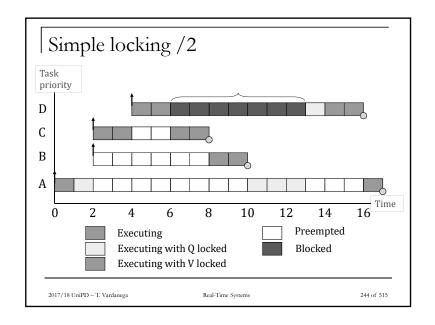
Simple locking /1 • To illustrate an initial example of priority inversion, consider the execution of the task set shown below, under *simple locking* (with binary semaphores) Release time 1 (low) А eQQQQe В 2 ee 2 3 eVVe С D 4 (high) eeQVe

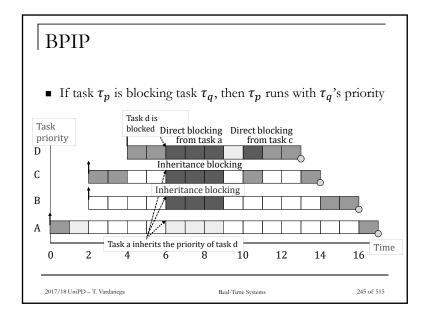
<u>Legend</u>: e: one unit of execution; Q (or V): one unit of use of resource R_q (or R_v)

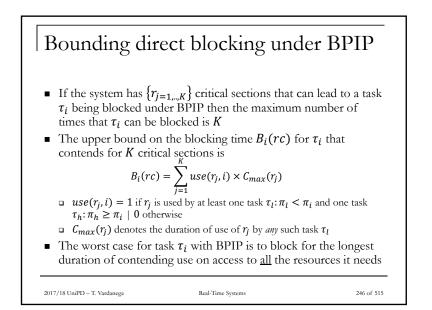
Real-Time Systems

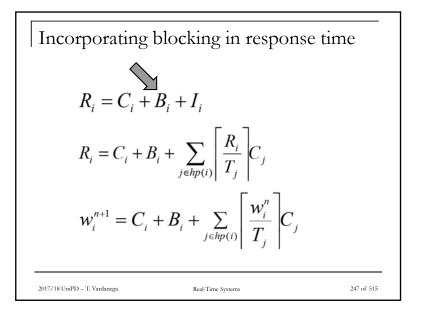
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2017/18 UniPD – T. Vardanega
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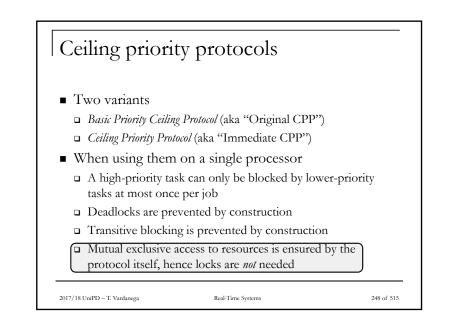
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