

High Performance Computing Systems and Enabling Platforms

a.a. 2009-10

Slides: errata- corrige

July 8, 2010 (*thanks to Davide La Rosa, Angela Italiano, Giuseppe Cazzato*)

Section 4.2, slide 7: quantities **x**, **y** represent indexes (respectively of row and column), not coordinates.

Section 4.2, slide 29: phrase “the interarrival time has to be taken as low as possible” → replace “time” with “rate”.

Section 4.2, slide 5: statement “write 1 into X” → “write 0 into X”

Section 4.2, slide 32: modify the IP algorithm as follows:

IP delegates to KP the *send* continuation;

IP verifies the saturation of channel asynchrony degree (i.e. IP performs the test `buffer_size = k`) (*k* = asynchrony degree, *k + 1* = number of queue elements); if (*buffer_size = k*) then IP suspends the Sender process else continues.

Section 4.2, slide 59:

$$T_{\text{transm}} = 2 R_Q L / \sigma$$