Lecture 27
5 September 2018 10:40 Syndronization Spin Works mutex / condition variables sleep - wakerp locks getlodi; mov ko, 1 getlock: mov Ko, 1

Test and Set Lock, KO

JZ DONE Testant set Lock, RD JNZ geMooK RET more prouss CALL YELD rom → jmp getlock unouk; mor cock, o RUNNING Lo DONE : RET KEADY - Lock + disabling interrupts unlock: ?? oppion 0 mor Lock, o for user space syndromization?

User threads, user Lata. design condition variables.

The ason for what are you continuing for?

Walkery or sleep. 1) mutex - condition of If the muter lock o/1 Struct muters { muter\_lock =;
variable id; < state of the book 6/1 < identifier variable gettock: Checklock (); if not available sleep (mosid); & changed from yield to sleep. - RUNNING to 1 11.

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- RUNNING to unholk;  $m \to l = 0;$  process wakerp (m  $\to id$ ); // more dureal(s) to BCOCKED