



CS370: Operating Systems

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The pickup() and putdown() operations pickup(int i) { state[i] = HUNGRY; test(i); if (state[i] != EATING) { Suspend self if unable to acquire chopstick self[i].wait(); } } putdown(int i) { state[i] = THINKING; Check to see if person on test((i+4)%5); left or right can use the test((i+1)%5); chopstick } Professor: SHRIDEEP PALLICKARA COLORADO STATE UNIVERSITY L11.34 INTER-PROCESS SYNCHRONIZATION COMPUTER SCIENCE DEPARTMENT









