







## High level mechanisms

- Semaphors
- Mutexes
- Monitors
- Message passing

## Progress This week Motivation plus low-level stuff Next week(s) The higher level constructs





## Literature

- A lot exists!
- Early/first(?) textbook devoted to concurrency was Per Brinch Hansen "The Architecture of Concurrent Programs"
  - http://web.syr.edu/~pbhansen/html/book2.html
- Ben-Ari "Principles of Concurrent and Distributed Programming," is an old title that many still find useful
  - <u>http://www.amazon.com/exec/obidos/tg/detail/-</u> /013711821X/qid=1063188412/sr=1-4/ref=sr\_1\_4/104-5762746-9774342?v=glance&s=books
- Fred Schneider, "On Concurrent Programming" (strong on theory aspects)
  - http://www.springerny.com/detail.tpl?cart=989601891383187&ISBN =0387949429