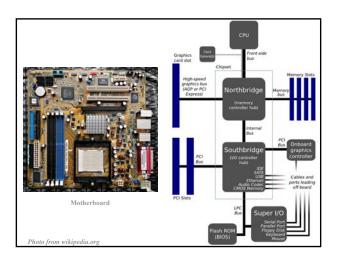
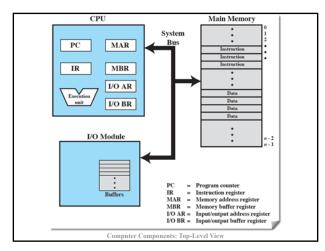
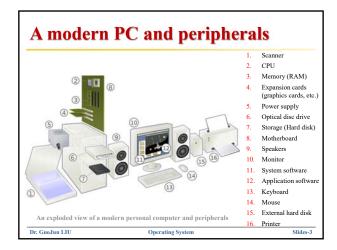
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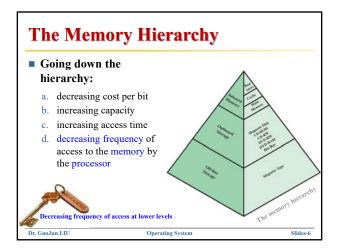
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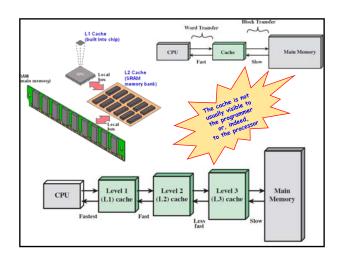


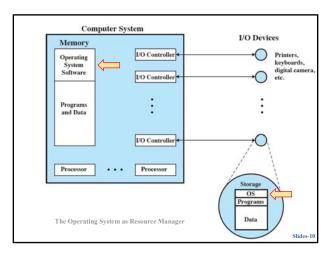


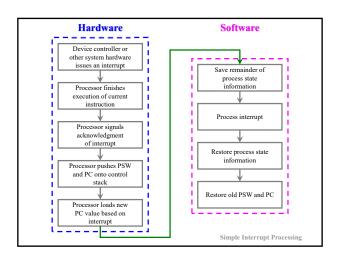


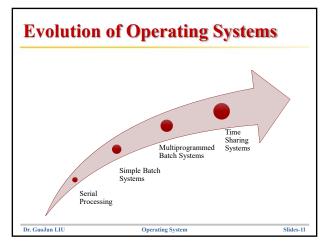


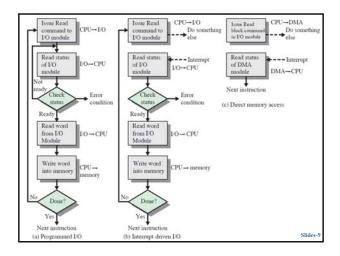


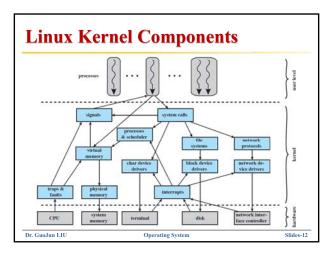


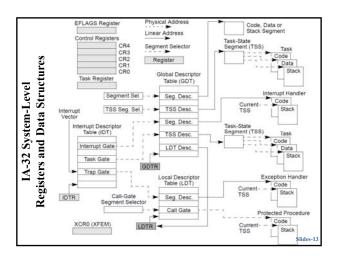


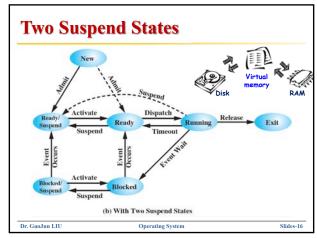


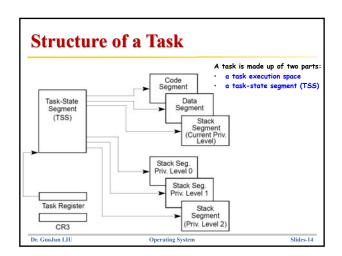


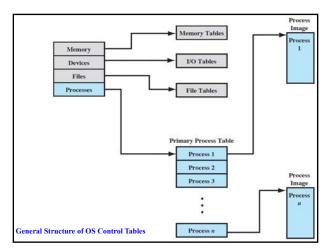


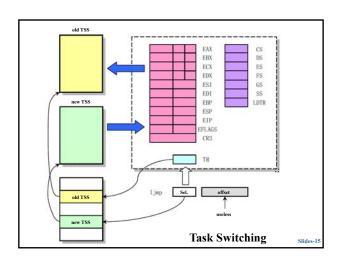


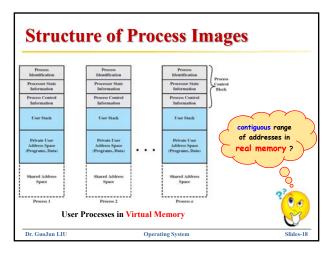


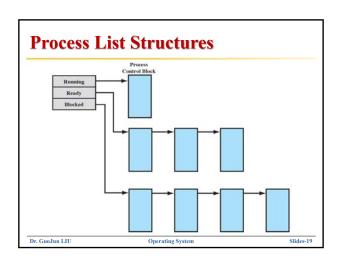


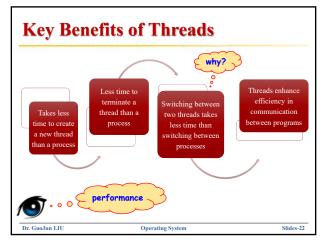


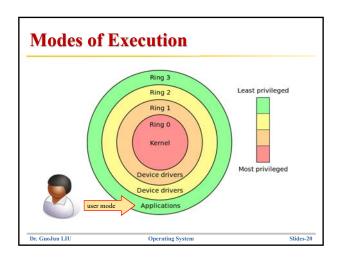


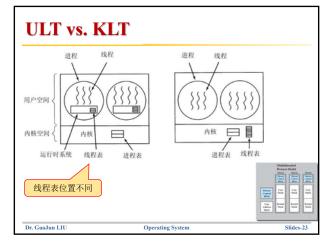


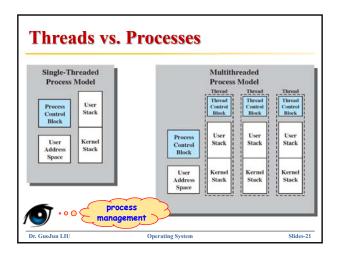


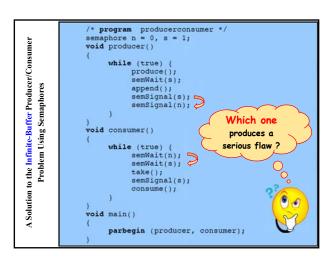










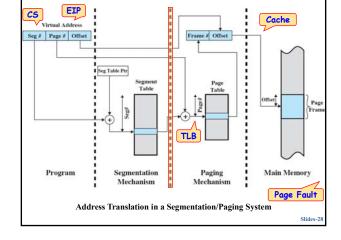


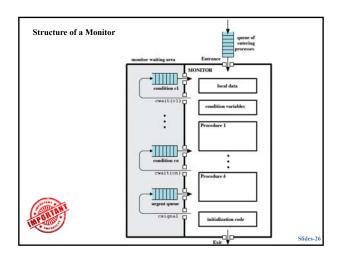
信号量总结

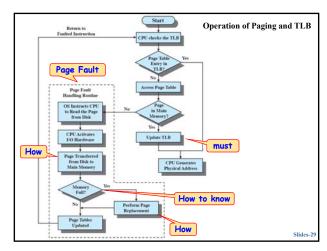
- 信号量总是成对出现的
- 互斥信号量在一个进程内,同步信号量分散在不同 的进程
- 同步信号量 semWait 操作在互斥信号量之前, semSignal 顺序不重要
- 不要把同步信号量加在互斥信号量之间,否则容易 死锁
- 要求会写伪代码

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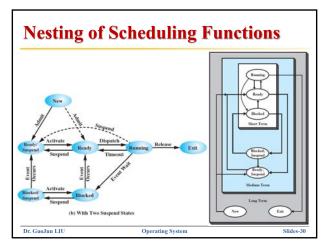
Operating System

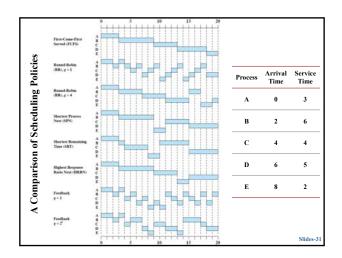


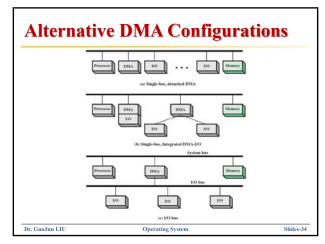


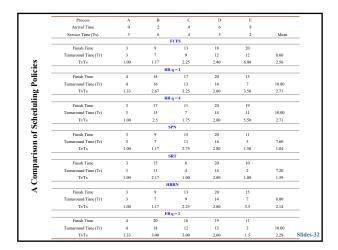


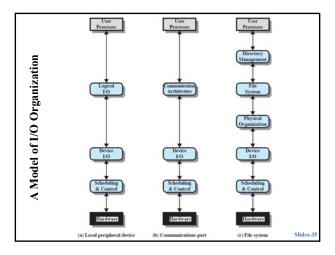


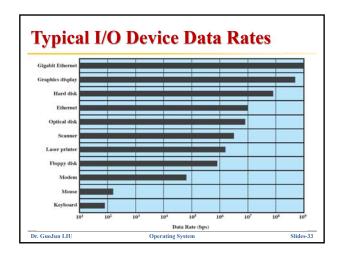


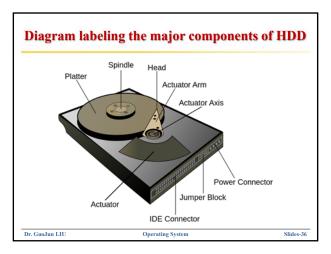


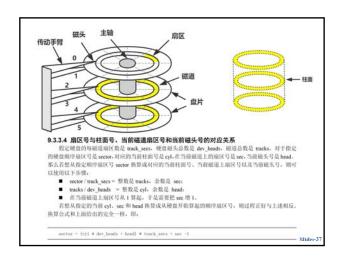


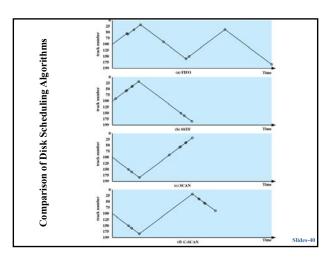


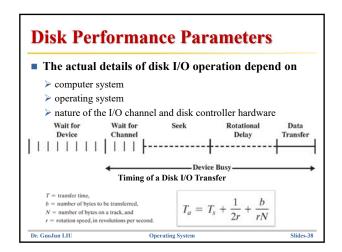


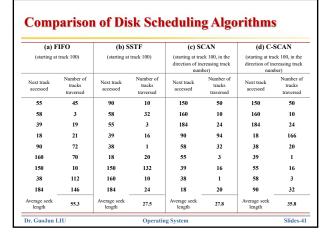




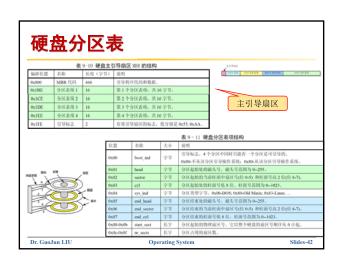


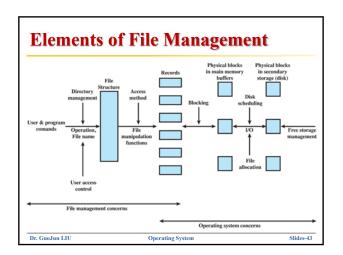


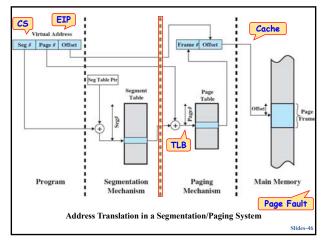


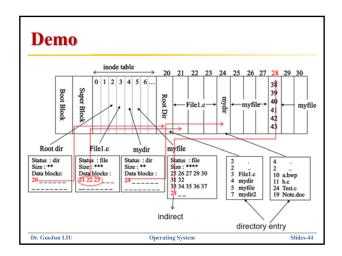


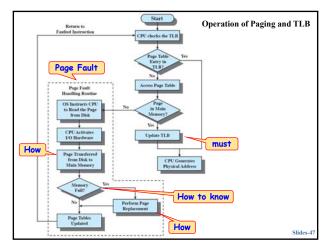


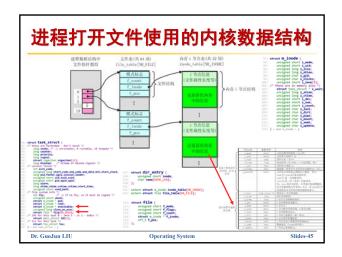


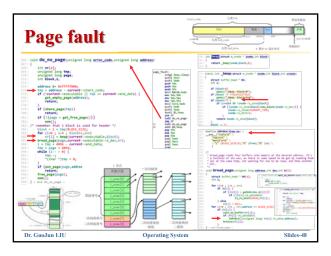


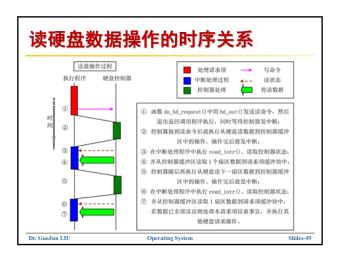


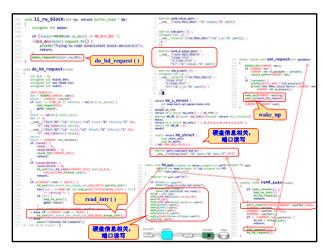


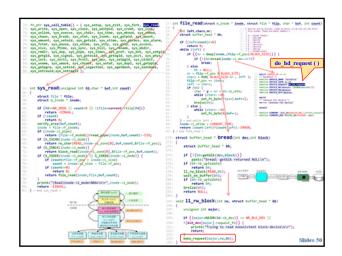


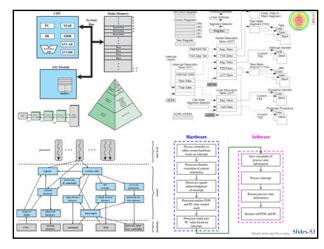


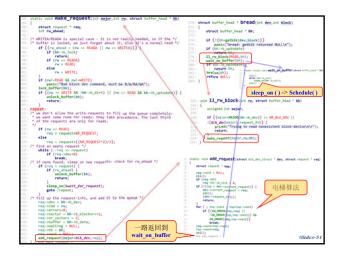


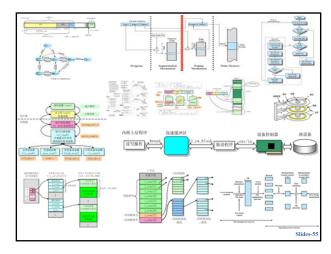












漫谈 OS

- 虚拟
 - ▶ 虚拟内存、虚拟文件系统
- 流水、进程、线程
- 硬件加速
- ➤ Cache, TLB, 缓冲, 磁盘缓冲
- 抽象
- ▶ 层次模型
- 主奴机制 -- operating
 - 软硬结合 模式

- 并发、共享 ▶ 加锁,信号量
- ■中断
- ■栈
- ▶ 各种巧妙用法
- 内存映射
- Map、变换
- 调度
- Trade-off
- 视角 > Hardware, OS, User

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