

Operations Scheduling

- ⌘ if $p_1 + p_3 + \dots + p_{j^*} > D$ then apply a heuristic (by Sundararaghavan & Ahmed, 1984)
- ⌘ **Step 0:** Set $B = D$; $A = \sum_{i=1}^n p_i - D$; $k = b = 1$; $a = n$; use the LPT sequence
- ⌘ **Step 1:** If $B > A$:
 - assign job k to position b
 - $b := b + 1$
 - $B := B - p_k$
 - else
 - assign job k to position a
 - $a := a - 1$
 - $A := A - p_k$
- ⌘ **Step 2:** $k := k - 1$; if $k \leq n$ go to step 1.