# Please note this was for FALL 2024, which was a short semester. Courtesy: Riddha Majumder

# **Threads**

#### TRZ

- 1. <a href="https://youtu.be/hZf8j296zNo?si=bmgJYhPIR-7jcouD">https://youtu.be/hZf8j296zNo?si=bmgJYhPIR-7jcouD</a>
- 2. <a href="https://youtu.be/04W50HKxa64?si=yPW0fJbFJvmgn-IW">https://youtu.be/04W50HKxa64?si=yPW0fJbFJvmgn-IW</a> [10:50–11:55] and [15:44–20:05]

#### FLA

- 1. <a href="https://youtu.be/stNw0Z221uY?si=BE5Qc2alNElzHu0Y">https://youtu.be/stNw0Z221uY?si=BE5Qc2alNElzHu0Y</a>
- 2. https://youtu.be/AnRBy0WowIM?si=vesINut19ir4cdDn

#### **BDH**

1. <a href="https://youtu.be/R4we5MPX37A?si=pgkTDHMwRE-rSArJ">https://youtu.be/R4we5MPX37A?si=pgkTDHMwRE-rSArJ</a> (Amdahl's Law er slide theke)

# **Process Synchronization**

#### **BDH**

- 1. https://youtu.be/6KBDxeny37E?si=IM95KWbTAjEuRKul
- 2. <a href="https://youtu.be/ZOV5VBGBrDo?si=RlsTpd5HcY8R4k9F">https://youtu.be/ZOV5VBGBrDo?si=RlsTpd5HcY8R4k9F</a> [Skip till 33 minutes, repeat of first video]
- 3. <a href="https://youtu.be/C31jgkQBiX8?si=L">https://youtu.be/C31jgkQBiX8?si=L</a> N 7fvRR-84-WIX [Till 39 minutes]

#### ATY

1. <a href="https://youtu.be/-dvzc3EQWug?si=6y1NjoWDw9f-7vk">https://youtu.be/-dvzc3EQWug?si=6y1NjoWDw9f-7vk</a> (Data Integrity er slide theke)

#### **TRZ**

- 1. <a href="https://youtu.be/v9iTCqGO8aA?si=IGtG23bcjfCOzu5n">https://youtu.be/v9iTCqGO8aA?si=IGtG23bcjfCOzu5n</a>
- 2. <a href="https://youtu.be/YZvDlkBsbYk?si=SrlMZ2KzSMoxAQ\_J">https://youtu.be/YZvDlkBsbYk?si=SrlMZ2KzSMoxAQ\_J</a>
- 3. <a href="https://youtu.be/a0PzFaspvBI?si=jG6ndoKeJnLqKBT">https://youtu.be/a0PzFaspvBI?si=jG6ndoKeJnLqKBT</a>
- 4. <a href="https://youtu.be/a0PzFaspvBI?si=FXYZEZH1QmcVJN3h">https://youtu.be/a0PzFaspvBI?si=FXYZEZH1QmcVJN3h</a>
- 5. <a href="https://youtu.be/j8sGYehe2QI?si=4Yu74L1DJTF548mV">https://youtu.be/j8sGYehe2QI?si=4Yu74L1DJTF548mV</a>

#### FLA

- 1. <a href="https://youtu.be/xER9mNvon7k?si=qvdD-XEfjjTqcSK0">https://youtu.be/xER9mNvon7k?si=qvdD-XEfjjTqcSK0</a>
- 2. <a href="https://youtu.be/Hu9NFoa2vf8?si=CxO0NTPikyJvW1bX">https://youtu.be/Hu9NFoa2vf8?si=CxO0NTPikyJvW1bX</a>

# **Main Memory**

#### **BDH**

- 1. <a href="https://youtu.be/C4Ti4WWHGb0?si=kOF6CXj8GpGsb-zs">https://youtu.be/C4Ti4WWHGb0?si=kOF6CXj8GpGsb-zs</a> (0 43 mins) (56 mins bakituk)
  - Main memory theke shuru Logical vs physical Address space (43 minutes porjonto)
  - Abar 56 minutes theke shuru hoy and Contiguous Allocation er shesh porjonto
- 2. <a href="https://youtu.be/6Ur6r-8Kd3Y?si=374oiEVB73YY5Mgf">https://youtu.be/6Ur6r-8Kd3Y?si=374oiEVB73YY5Mgf</a> (31:40 theke shuru)
  - Multiple partition Allocation theke shuru (31 minutes 40 seconds)
  - Dynamic Storage Allocation Problem shesh (ekdom shesh porjonto)

#### Same video full:

https://youtu.be/mgos\_sjRx7Q?si=uiAUxPdyZYrljjoK (sob fit sesh hoyeche )

- 3. <a href="https://youtu.be/8CC2AxUSK9U?si=xG9uByvzYXlaRcTd">https://youtu.be/8CC2AxUSK9U?si=xG9uByvzYXlaRcTd</a> (purata)
- 4. <a href="https://youtu.be/j7XP7-vQfg4?si=nIMQAwbNYpEolJbm">https://youtu.be/j7XP7-vQfg4?si=nIMQAwbNYpEolJbm</a> (Purata) (44 minute projonto lecture, erpor problem solving)

5. <a href="https://youtu.be/ym96TaQ-kM8?si=8X4FDeasANGBxNSy">https://youtu.be/ym96TaQ-kM8?si=8X4FDeasANGBxNSy</a> (Problem Solving) (Duplicate)

## TRZ

- 1. <a href="https://youtu.be/vkdO">https://youtu.be/vkdO</a> Q3gyL8?si=m8W-goUQf2ICRTvD
- 2. https://youtu.be/D5vDRm56AaU?si=S8vHusGN9zqpVQLV

## FLA

- 1. <a href="https://youtu.be/BBWZDXfPQI4?si=mAOzv3CCFEeU4tDd">https://youtu.be/BBWZDXfPQI4?si=mAOzv3CCFEeU4tDd</a>
- 2. https://youtu.be/tBipdPLBsOo?si=2zNdUIv4sSTKNzgS
- 3. <a href="https://youtu.be/78D1eV39sAM?si=NTAdYqPK26qd647K">https://youtu.be/78D1eV39sAM?si=NTAdYqPK26qd647K</a>

# Virtual Memory

### **BDH**

1. https://youtu.be/O1zTIG3nxUg?si=GaWauN-1BZDAfLD2

## FLA

- 1. <a href="https://youtu.be/1UASv6d3Hn8?si=9C1zlaSbXH0c-G8b">https://youtu.be/1UASv6d3Hn8?si=9C1zlaSbXH0c-G8b</a>
- 2. <a href="https://youtu.be/lmtV9515QMg?si=HnnCKIY">https://youtu.be/lmtV9515QMg?si=HnnCKIY</a> OsDNN0QV (practice problem solving)