江西理工大学
Jiangxi University of Science and Technology
信息工程学院
School of information engineering

Dr Ata Jahangir Moshayedi

Digital System Design

Clip Lecture series

Spring_2020

Prof Associate , School of information engineering Jiangxi university of science and technology, China
EMAIL: ajm@jxust.edu.cn

Jiangxi University of Science and Technology

Some Guide for

loaded lectures/examples and video

Guide for better review

DSD 2020_ online course

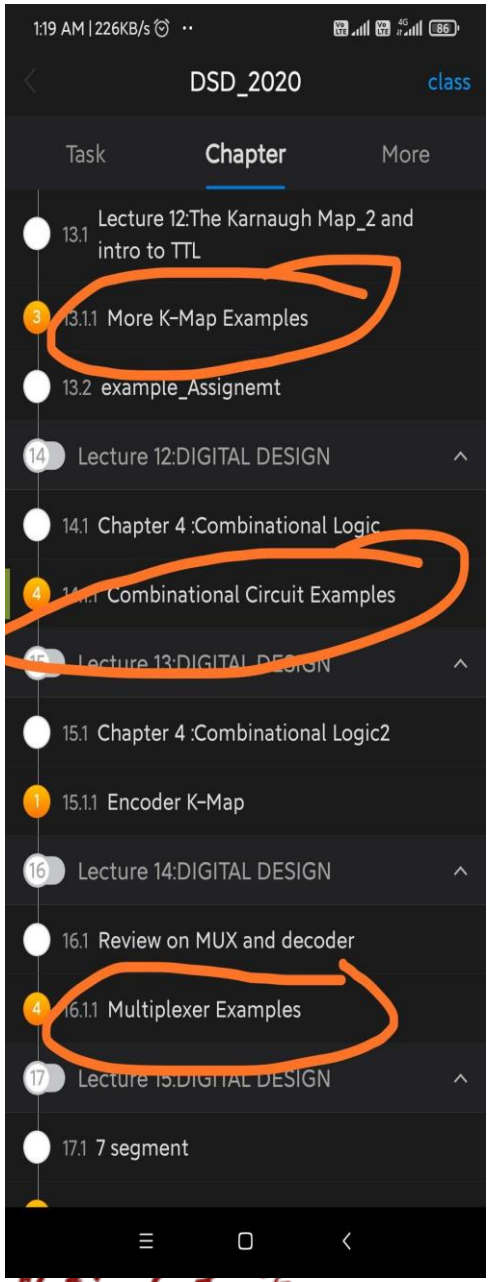
DSD lectures

http://mooc1.chaoxing.com/course/208792254.html

Don’t forget to see and solve this lecture

- 第19章 Sequentioanl part2
  - 19.1 Example and review: Flip-flop/Basic Flip-Flop
    - 19.1.1 Quiez

- Lecture about FF:https://www.youtube.com/watch?v=iW0PweN7-n8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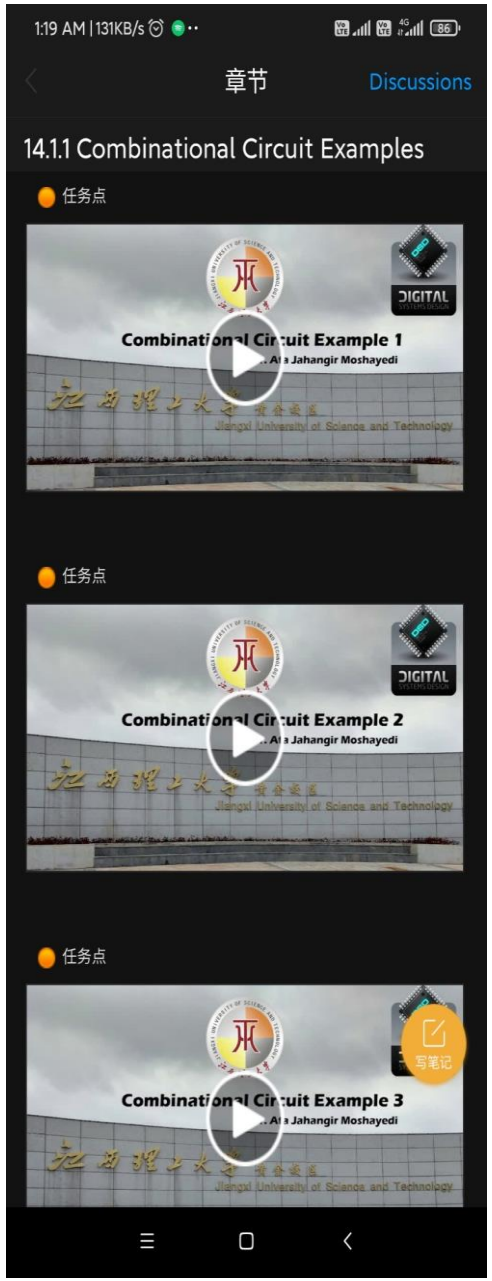
DSD_2020
class
Task
Chapter
More
13.1 Lecture 12:The Karnaugh Map_2 and intro to TTL
13.1.1 More K-Map Examples
13.2 example_Assignemt
14 Lecture 12:DIGITAL DESIGN
14.1 Chapter 4 :Combinational Logic
Combinational Circuit Examples
15 Lecture 13:DIGITAL DESIGN
15.1 Chapter 4 :Combinational Logic2
15.1.1 Encoder K-Map
16 Lecture 14:DIGITAL DESIGN
16.1 Review on MUX and decoder
16.1.1 Multiplexer Examples
17 Lecture 15:DIGITAL DESIGN
17.1 7 segment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章节
Discussions
14.1.1 Combinational Circuit Examples
任务点
Combinational Circuit Example 1
Combinational Circuit Example 2
Combinational Circuit Example 3
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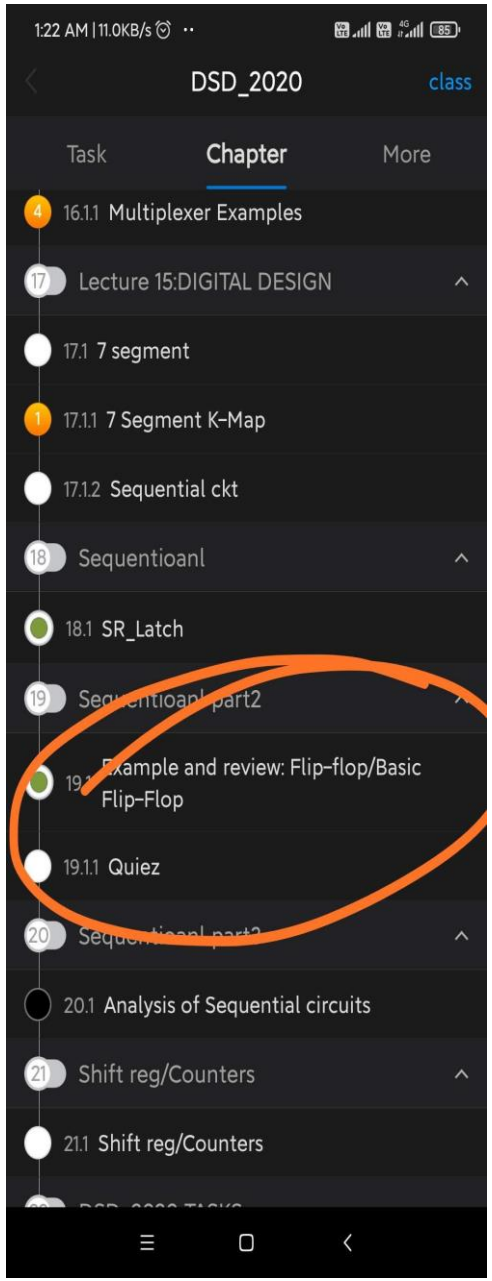
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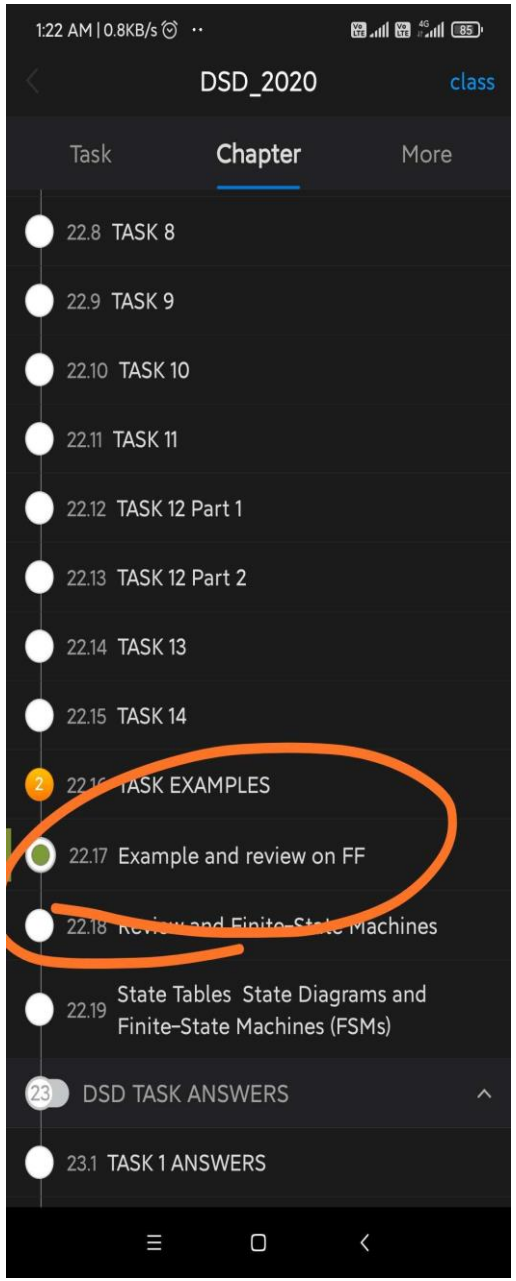
Chapter
More
16.1.1 Multiplexer Examples
17 Lecture 15:DIGITAL DESIGN
17.1 7 segment
17.1.1 7 Segment K-Map
17.1.2 Sequential ckt
18 Sequentioanl
18.1 SR_Latch
19 Sequentioanl part2
19.1 Example and review: Flip-flop/Basic Flip-Flop
19.1.1 Quiez
20 Sequentioanl part3
20.1 Analysis of Sequential circuits
21 Shift reg/Counters
21.1 Shift reg/Counters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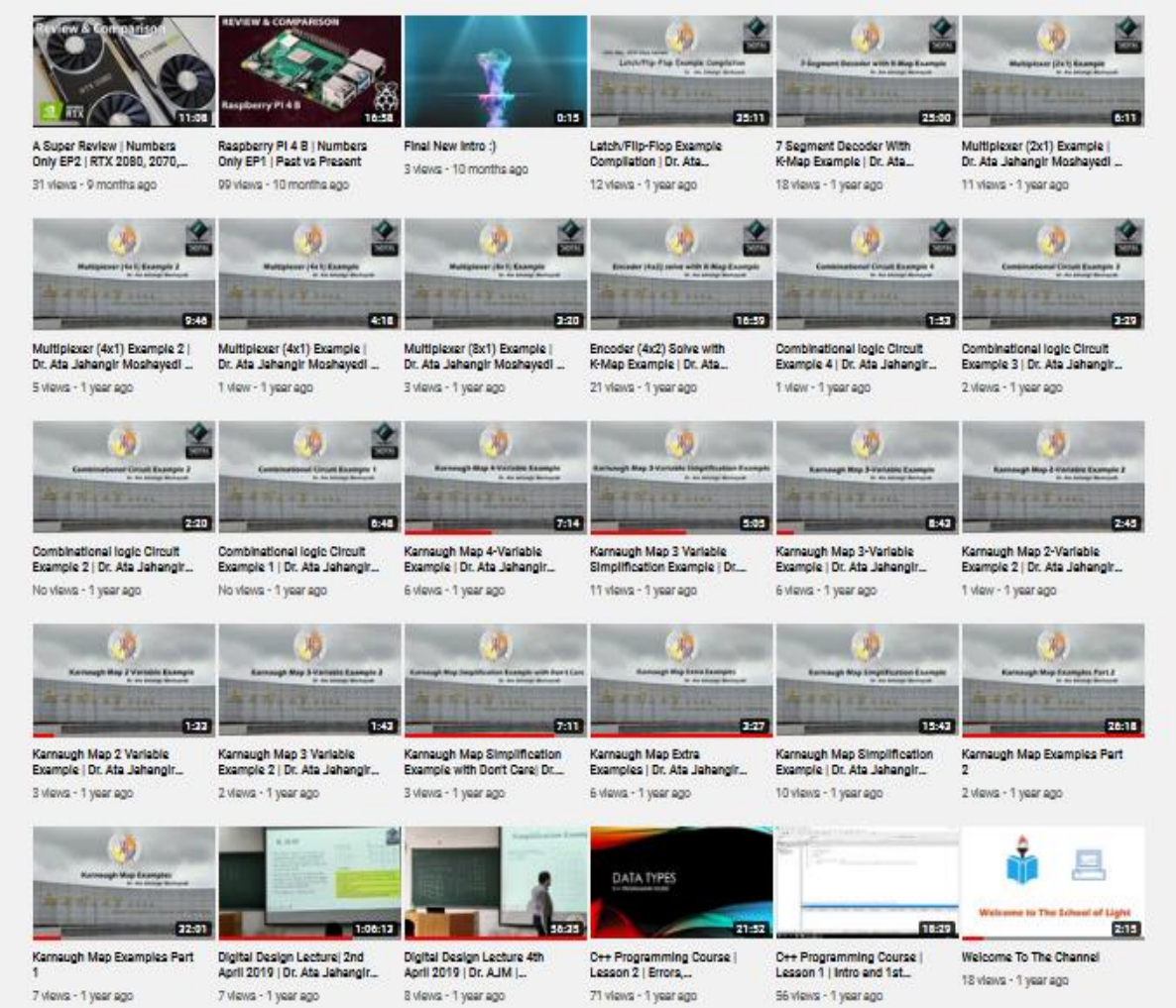
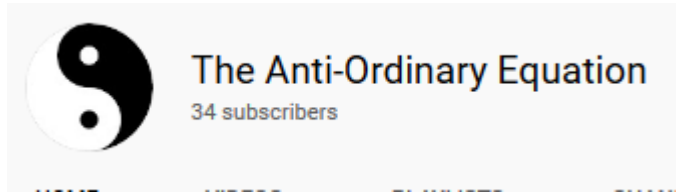
class
Task
Chapter
More
22.8 TASK 8
22.9 TASK 9
22.10 TASK 10
22.11 TASK 11
22.12 TASK 12 Part 1
22.13 TASK 12 Part 2
22.14 TASK 13
22.15 TASK 14
22.16 TASK EXAMPLES
22.17 Example and review on FF
22.18 Review and Finite-State Machines
22.19 State Tables State Diagrams and Finite-State Machines (FSMs)
23 DSD TASK ANSWERS
23.1 TASK 1 ANSWERS

Some video regarding the last year examples



The Anti-Ordinary Equation



https://www.youtube.com/channel/UCQW9R1UDNo3m0gYyxtVXREA

DSD task and Answers

7 video example

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DSD_2020 TASKS

- 22.1 TASK 1
- 22.2 TASK 2
- 22.3 TASK 3
- 22.4 TASK 4
- 22.5 TASK 5
- 22.6 TASK 6
- 22.7 TASK 7
- 22.8 TASK 8
- 22.9 TASK 9
- 22.10 TASK 10
- 22.11 TASK 11
- 22.12 TASK 12 Part 1
- 22.13 TASK 12 Part 2
- 22.14 TASK 13
- 22.15 TASK 14
- 22.16 TASK EXAMPLES
- 22.17 Example and review on FF
- 22.18 Review and Finite-State Machines
- 22.19 State Tables State Diagrams and Finite-State Machines (FSMs)

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DSD TASK ANSWERS

- 23.1 TASK 1 ANSWERS
- 23.2 TASK 2 ANSWERS
- 23.3 TASK 3 ANSWERS
- 23.4 TASK 4 ANSWERS
- 23.5 TASK 5 ANSWERS
- 23.6 TASK 6 ANSWERS
- 23.7 TASK 7 ANSWERS
- 23.8 TASK 8 ANSWERS
- 23.9 TASK 9 ANSWERS
- 23.10 TASK 10 ANSWERS
- 23.11 TASK 11 ANSWERS
- 23.12 TASK 12 ANSWERS
- 23.13 TASK 13 ANSWERS
- 23.14 TASK 14 ANSWERS

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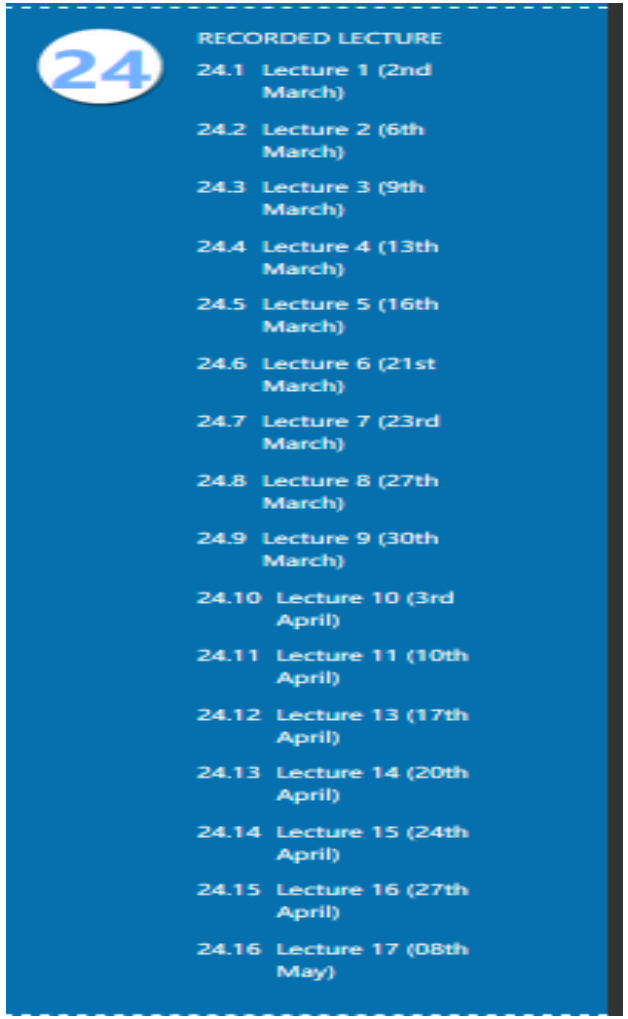
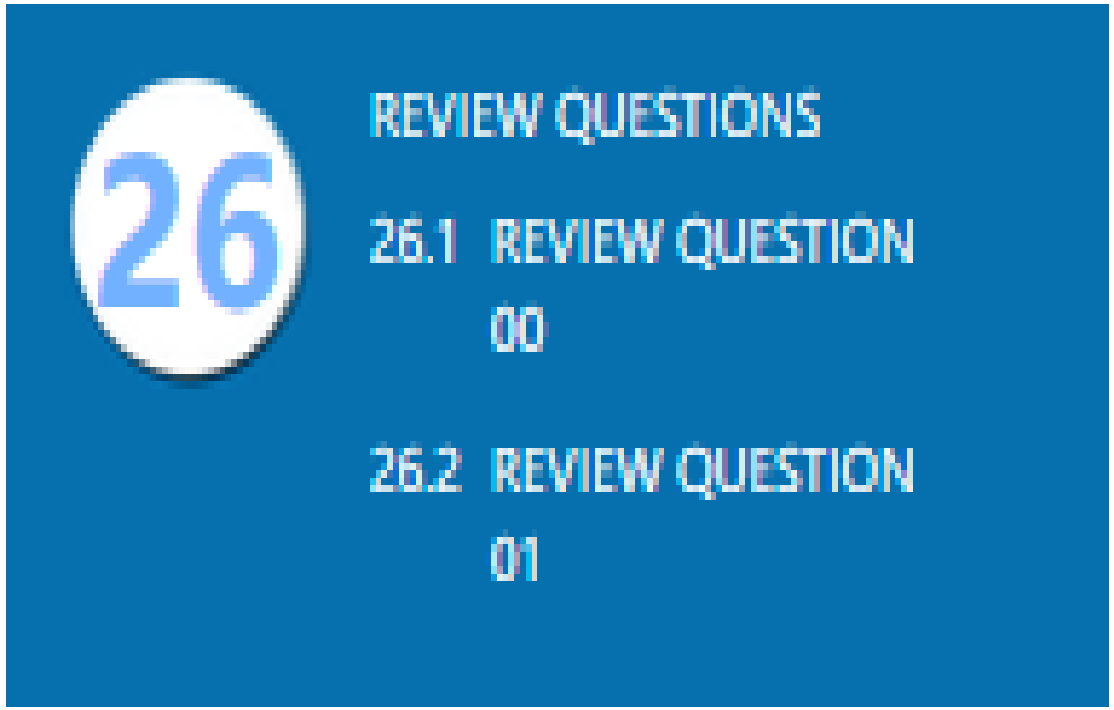
Recorded lectures



More than 98% of lectures are loaded on webpage

Review Questions



This part will be increase and you should after review webpage start to see and check

Finally ……

- Please review all lectures and task
- For any question as usual you can ask me on wechat
- We may have some Quiz which I will inform you
- Study hard and review all mentioned point in lectures
- Best of LUCK

AJM

Reference