

Functional Design 程序代写代做 CS编程辅导



- Functional de: 1. 11 ased on:
 - Requirement spleit en ion
- Target implementation influences the design flow
 - ► CPU
 - ASIC (Application specifit Photografe and Help)
 - ► FPGA (Field Programmable Gate Arrays)
- ► Requirements:
 - Deration, Performance, Interface, Cost, Size, Power dissipation... https://tutorcs.com
- https://tutorcs.com
 Functional design may be verified through simulation

Register Transfer Level

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- ▶ This step in tばこれ flow transforms the high-level functional des @ a description at the register level.
- ▶ The Register Transfer Level Design describes the design at the following level of a battraction:
 - ► Registers Email: tutorcs@163.com
 - ► Memory
 - ► Arithmetic Un@Q: 749389476
- State Machines https://tutorcs.com
 RTL designs are validated through simulation

Logic Design 程序代写代做 CS编程辅导



- At this stage in the register level transfer design is compiled into logic design.
- Again the design may be verified through simulation.
- ► Please note: Assignment Project Exam Help
 - Simulation may be used to guaranty that the design meets the specification.
 - The simulation Revery step in the design flow allows for the interception of errors early in the design.

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Circuit Design 程序代写代做 CS编程辅导

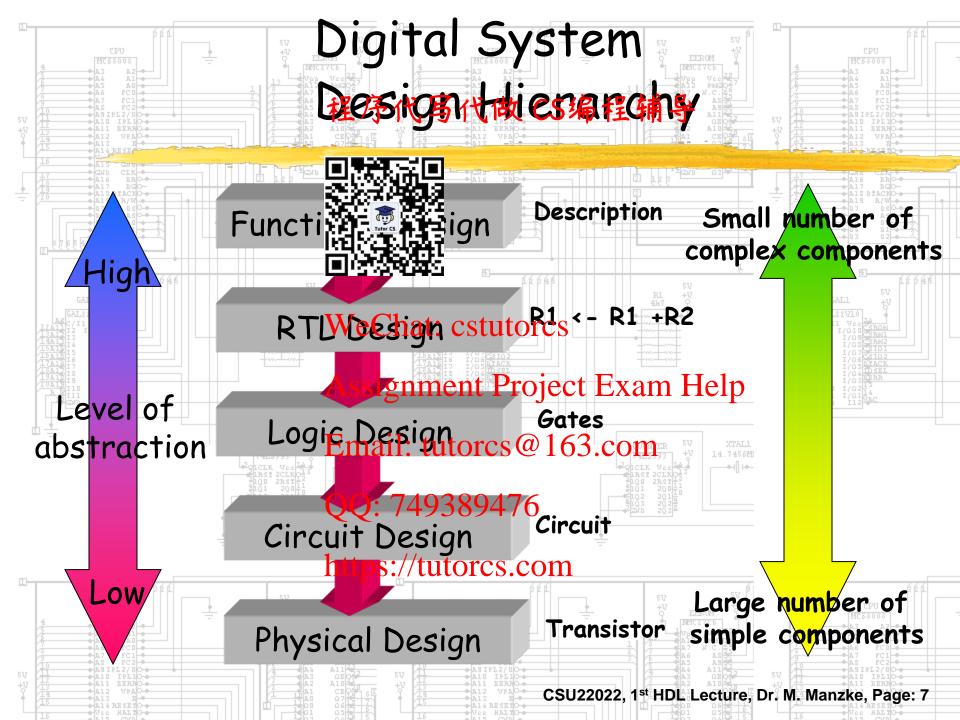
- At this stack edge design flow the logic design is conplication circuit design.
- ► The step is strongly influenced by the target implementationignment Project Exam Help
- Again the design may be yerified through simulation specifically through:
 - ▶ Timing simulation

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- In the final the design flow the circuit design we chip we with the design flow the layout. We Chat: cstutorcs
- Physical properties may be resified;
 - ► Chip area Email: tutores@163.com
 - Power dissipation QQ: 749389476
 - ► Clock frequency

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Hardware Description Languages

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- Hardware Cities tion Languages are used to:
 - ► Describe systems
 - Model digital systems
 - Design digital systems
- ► Hardware Description Languages:
 - ► VHDL, Vertitogi antomore 63.com
- ► VHDL QQ: 749389476
 - ► VHSIC Hardware Description Language
 - VHSIC
 - ► Very High Speed Integrated Circuit Language

