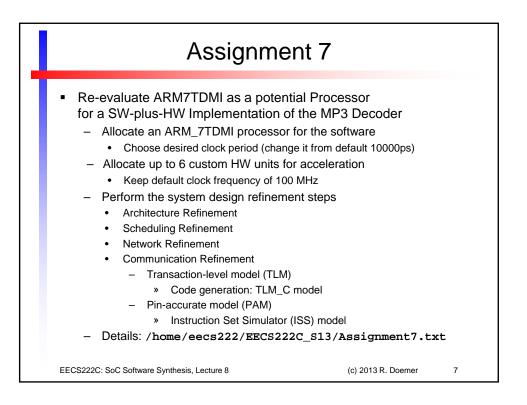


Assignment 6				
 Evaluate ARM7TDMI as a for a SW-only Implementa Fill the following table with 	tion of the MF			
Refinement Step	Model	Decode time per frame		
Profiling estimation	Spec			
Architecture Refinement	Arm7Arch			
Scheduling Refinement	Arm7Sched			
Network Refinement	Arm7Net			
Transaction-Level Refinement	Arm7TLM			
C Code Generation	Arm7TLM_C			
Pin-Accurate Refinement	Arm7PAM			
Instruction Set Simulation	Arm7ISS			
 Submit as file: hw6/ARM 	17_Evaluatio	on.pdf		
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Assignment	t 6	
 Discussion Test bench improvements Stimulus: calls exit!? Should not! Monitor: should quit the simulation a Simulation: Pass the number of frar Corrections to compilation settings Assertions are part of the DUT!? Mu Turn assertions (and debug) off: pa Reported ISS cycles vs. reported de ISS model in SCE version 2010 has processor speed is fixed to 100Mhz Switch to "latest" SCE version 2012 Profiling estimation is inaccurate! Several times too optimistic for the u Calibrate profiler weight tables by c 	mes (8) as 3 rd argument ust not! ss -DNDEBUG to compiler ecoding time!? s a bug: !! ?+ (/opt/sce/bin/setup.csh) ARM7	
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Assignment 7					
 Re-evaluate ARM7TDMI a for a SW-plus-HW Impleme – Fill the following table wit 	entation of				
Refinement Step	Model	Decode time per frame			
Profiling estimation	Spec				
Architecture Refinement	Arch				
Scheduling Refinement	Sched				
Network Refinement	Net				
Transaction-Level Refinement	TLM				
C Code Generation	TLM_C				
Pin-Accurate Refinement	PAM				
Instruction Set Simulation	ISS				
 Submit as file: hw7/ARM Submit also the final ISS 					
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