











Project Assignment 7							
• Discussion: Performance Improvement Options Canny Abchi-lecture Core D Der. (+ Coursker) Core I Magn. Core Z NMS Core Z NMS Core Z NMS Core Z A.H. GPU Blue X, Blay • Construction Det. Core Z NMS Core Z NMS Co							
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Project Assignment 8						
 Pipelined and parallel model of the Canny Edge Detector Back-annotation of measured timing delays 4-way parallelization of BlurX and BlurY modules (step 5) 						
Receive, Make_Kernel BlurX BlurY Derivative_X_Y Magnitude_X_Y Non_Max_Supp Apply_Hysteresis TOTAL:	0 1710 1820 480 1030 830 670 	ms ms ms ms ms ms ms ms	0 427 455 480 1030 830 670 	ms ms ms ms ms ms ms		
Throughput:	===== 1/182 0.549	0ms FPS	1/10: 0.97:	30ms 1 FPS		
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