Vector Addition Report

Copying data to the GPU
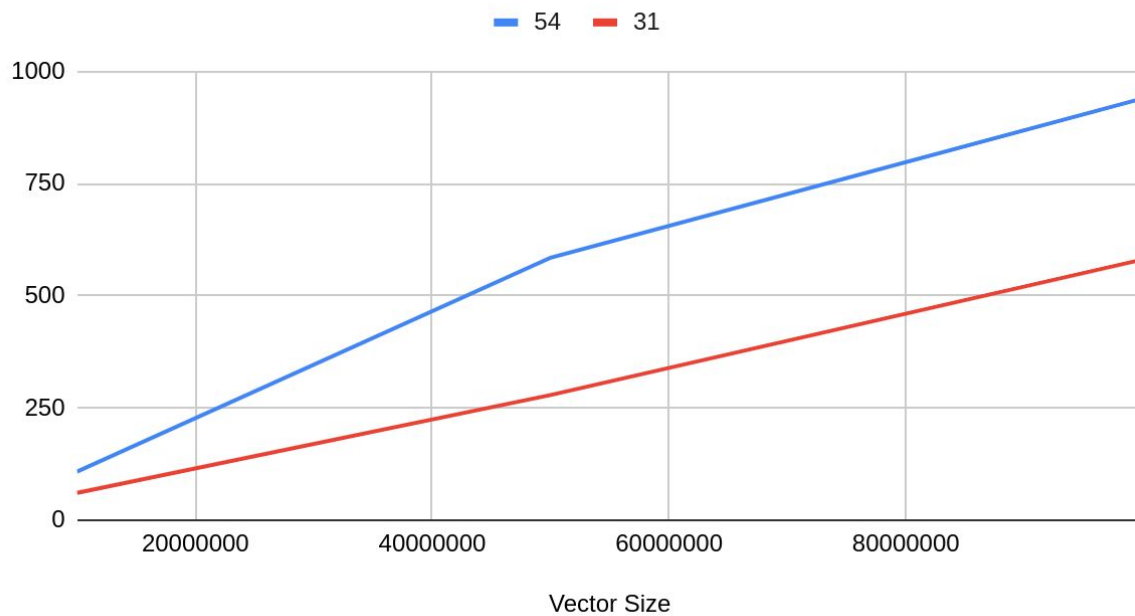
Vector Addition (copying)		
	Time (ms)	
Vector Size	CPU	GPU
100000	11	3
5000000	53	17
10000000	107	38
50000000	532	305

Vector addition time (ms) (with memory copying)

— 53   — 17

Vector Size

■ CPU
■ GPU
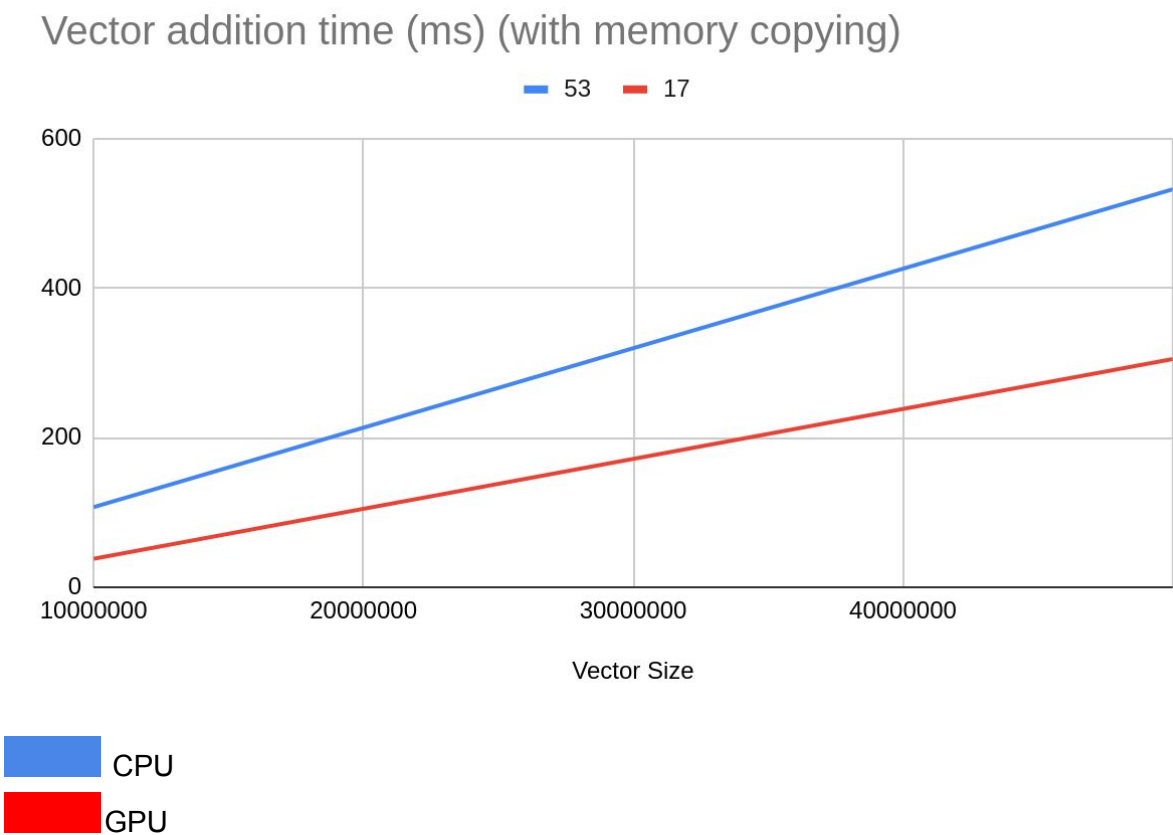
Mapping data to the GPU

Vector Addition (mapping)		
	Time (ms)	
Vector Size	CPU	GPU
100000	11	6
5000000	54	31
10000000	108	61
50000000	585	279
100000000	940	581

Vector addition time (ms) (with memory mapping)

CPU
GPU