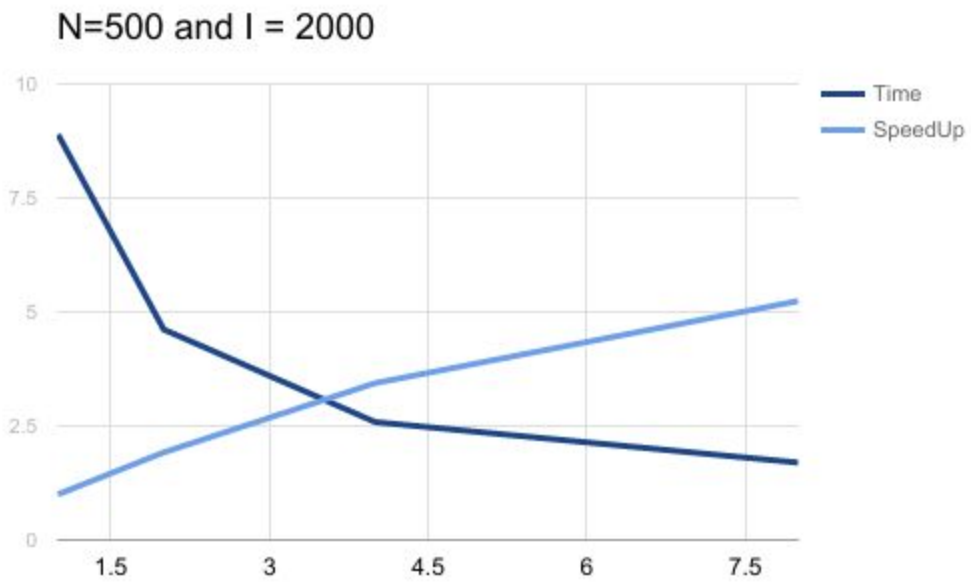# A3-Report-PA3-yulian-yih060
Yuhang Lian A91018743, Yi He A99075211

./apf -i 2000 -n 500 -t 1
Serial Time = 8.899; -- ./apf -i 2000 -n 500

# of Cores	Time	SpeedUp
1	8.893	1
2	4.617	1.92
4	2.586	3.44
8	1.697	5.24

N=500 and I = 2000

./apf -i 100 -n 400 -t 8
./apf -i 100 -n 800 -t 8
./apf -i 100 -n 1600 -t 8
./apf -i 100 -n 3200 -t 8

N	Serial Time	Parallel Time	SpeedUp
400	0.2823	0.0402	7.0224
800	1.422	0.2029	7.0084
1600	4.449	1.471	3.0244
3200	17.88	5.844	3.0595

Increases N

SpeedUps