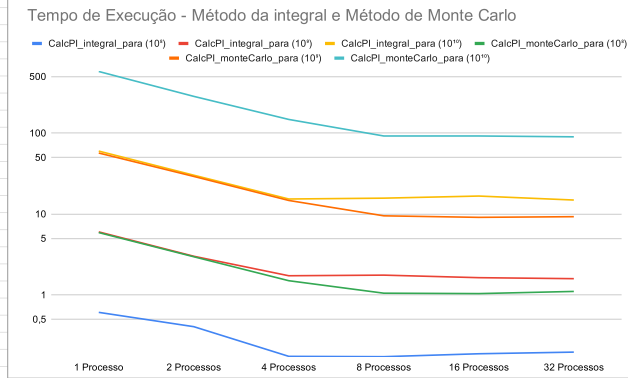


Questão 1

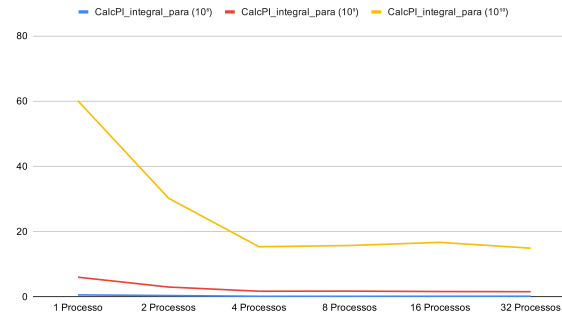
Tempo de execução (Segundos)	1 Processo	2 Processos	4 Processos	8 Processos	16 Processos	32 Processos
CalcPI_integral_para (10°)	0,6101	0,4060	0,1744	0,1728	0,1878	0,1968
CalcPI_integral_para (10°)	6,0278	3,0133	1,7297	1,7603	1,6374	1,5913
CalcPI_integral_para (10 ^{''})	60,0957	30,2551	15,3672	15,7424	16,7145	14,9232
CalcPI_monteCarlo_para (10°)	5,9094	2,9708	1,5018	1,0528	1,0407	1,107
CalcPI_monteCarlo_para (10°)	56,8797	29,2302	14,7455	9,5204	9,1164	9,2919
CalcPI_monteCarlo_para (10 ^{''})	579,0922	285,2878	147,9057	92,3697	92,3877	90,2161

SPEEDUP	1 Processo	2 Processos	4 Processos	8 Processos	16 Processos	32 Processos
CalcPI_integral_para (10°)	-	1,478571429	3,442087156	3,473958333	3,196485623	3,050304878
CalcPI_integral_para (10°)	-	1,802608436	3,140313349	3,085724024	3,317332356	3,413435556
CalcPI_integral_para (10 ^{''})	-	1,95148256	3,842098756	3,750527239	3,532400012	3,956410153
CalcPI_monteCarlo_para (10°)	-	1,280025582	2,53209482	3,611987082	3,653982896	3,435140018
CalcPI_monteCarlo_para (10°)	-	1,228636821	2,435543047	3,772246964	3,939416875	3,865011462
CalcPI_monteCarlo_para (10 ^{''})	-	1,272207224	2,453895962	3,929266848	3,928501305	4,023064619

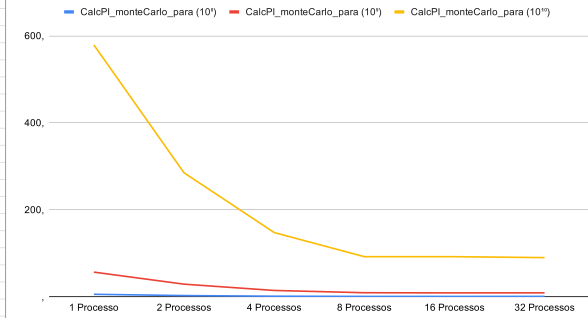
Eficiência	1 Processo	2 Processos	4 Processos	8 Processos	16 Processos	32 Processos
CalcPI_integral_para (10°)	-	0,7392857143	0,860521789	0,4342447917	0,1997803514	0,09532202744
CalcPI_integral_para (10°)	-	0,901304218	0,7850783373	0,385715503	0,2073332723	0,1066698611
CalcPI_integral_para (10 ^{''})	-	0,97574128	0,9605246889	0,4688159048	0,2207750007	0,1236378173
CalcPI_monteCarlo_para (10°)	-	0,6400127912	0,6330237049	0,4514983853	0,228373931	0,1073481256
CalcPI_monteCarlo_para (10°)	-	0,6143184104	0,6088857618	0,4715308706	0,2462135547	0,1207816082
CalcPI_monteCarlo_para (10 ^{''})	-	0,6361036119	0,6134739905	0,491158356	0,2455313316	0,1257207694



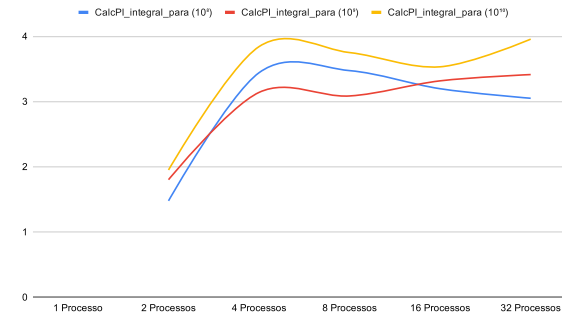
Tempo de Execução Método do Trapézio



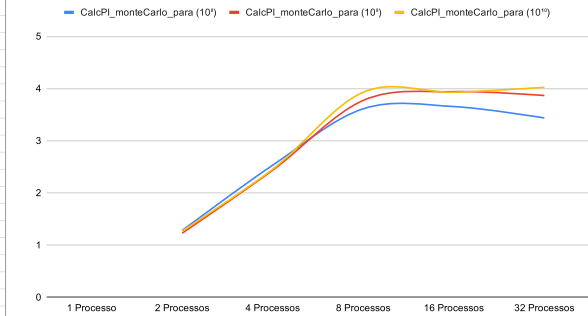
Tempo de Execução Método de Monte Carlo



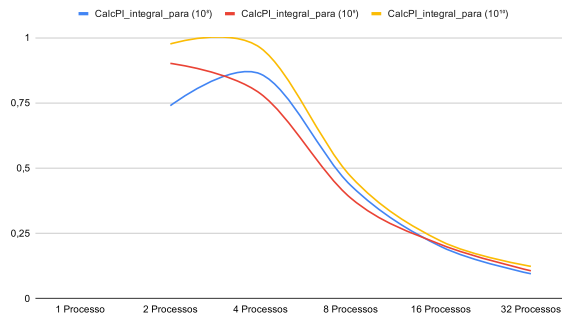
SPEEDUP - Método do Trapézio



SPEEDUP - Método de Monte Carlo



Eficiência - Método da integral



Eficiência - Método de Monte Carlo

