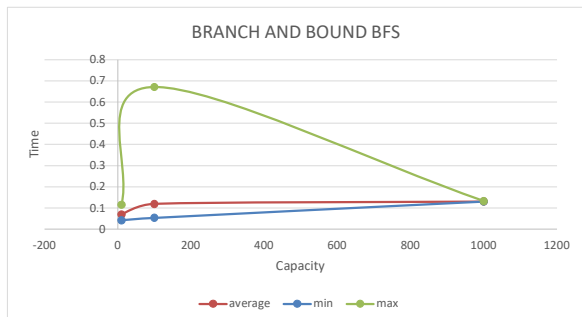


BRANCH AND BOUND BFS

Time			
min	max	average	capacity
0.041888952	0.115689754	0.069622469	10
0.053858042	0.671341658	0.119007969	100
0.129713774	0.132645607	0.130850983	1000

nb item
1000

memory usage		
min	max	average
0.005072	0.011831	0.0066344
0.005072	0.05296	0.0164695
0.005036	0.009857	0.0065504

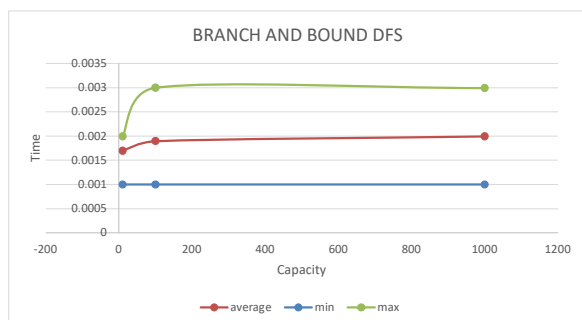


BRANCH AND BOUND DFS

Time			
min	max	average	capacity
0.000996828	0.001995325	0.001695323	10
0.000996351	0.003000021	0.001894927	100
0.000997543	0.002992153	0.001994658	1000

nb item
1000

memory usage		
min	max	average
0.002424	0.002424	0.002424
0.002424	0.002424	0.002424
0.002425	0.002425	0.002424

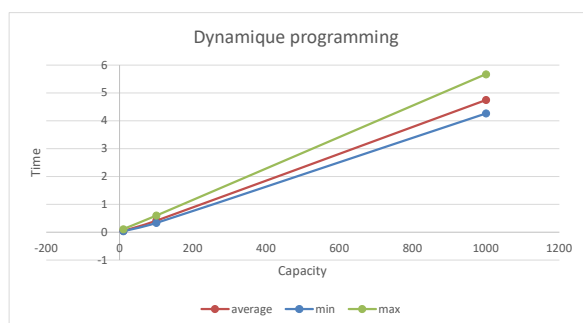


Dynamic Programming

Time			
min	max	average	capacity
0.042891741	0.115691423	0.055964398	10
0.34008956	0.600700855	0.415364671	100
4.264564276	5.674555779	4.752954984	1000

nb item
1000

memory usage		
min	max	average
0.004424	0.00556	0.0046648
0.005023	0.007219	0.0056437
0.005301	0.005618	0.0055087

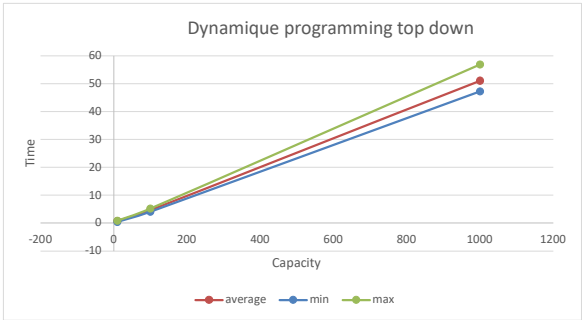


Dynamic Programming TOP DOWN

Time			
min	max	average	capacity
0.470918417	0.898860693	0.723659444	10
4.087184668	5.186968803	4.658487153	100
47.20030904	56.9156332	51.06094961	1000

nb item
1000

memory usage		
min	max	average
1.499196	1.524228	1.5217011
12.996733	13.02221	13.0195443
116.913196	116.938618	116.9359863

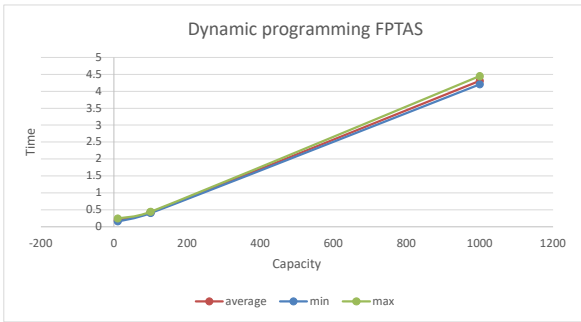


Dynamic Programming FPTAS

Time			
min	max	average	capacity
0.153588772	0.248336077	0.19163413	10
0.401584625	0.442655325	0.421766233	100
4.203446388	4.445695877	4.30384593	1000

nb item
1000

memory usage		
min	max	average
0.007228	0.013084	0.0084735
0.007767	0.011638	0.0082439
0.007993	0.010852	0.0083564

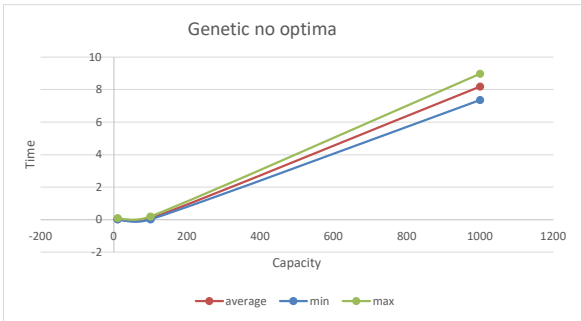


Genetic No optima (PAS DE LARGE)

Time			
min	max	average	capacity
0.008974314	0.081758499	0.026781416	10
0.01	0.187499046	0.068376169	100
7.352202892	8.962793589	8.18460834	1000

nb item
10

memory usage		
min	max	average
4.58E-03	0.010295	5.06E-03
0.004576	0.007985	0.00540888
5.40E-03	0.005766	5.59E-03

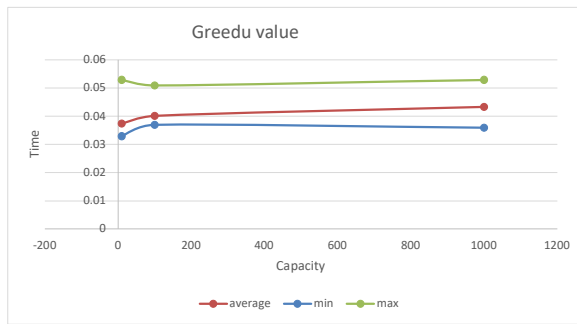


Greedy value

Time			
min	max	average	capacity
0.032889843	0.052861691	0.037303019	10
0.036900997	0.05085206	0.040090132	100
0.035902739	0.052856922	0.043284488	1000

nb item
1000

memory usage		
min	max	average
0.002672	0.005904	0.0034334
0.002672	0.005904	0.0031182
0.002672	0.005904	0.0035197

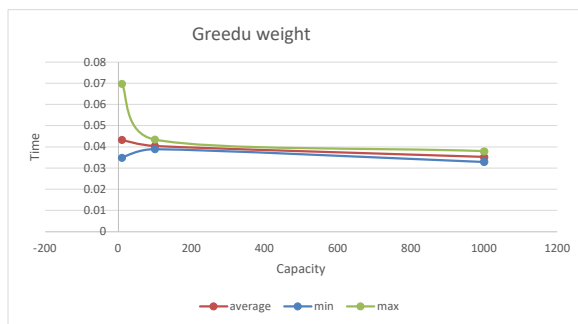


Greedy weight

Time			
min	max	average	capacity
0.034907103	0.069813251	0.043284202	10
0.038896322	0.043426275	0.040449357	100
0.032935143	0.037928343	0.035208726	1000

nb item
1000

memory usage		
min	max	average
0.002672	0.007733	0.0042209
0.002672	0.007665	0.0038501
0.002672	0.008457	0.0035407

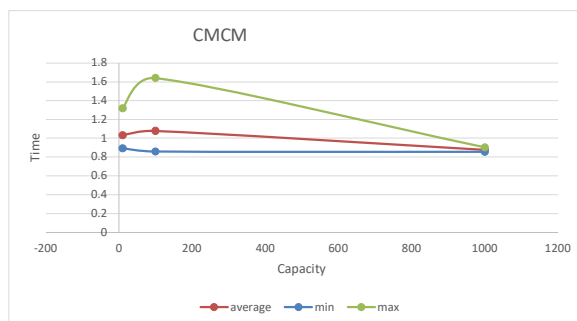


RANDOM CMCM

Time			
min	max	average	capacity
0.891760588	1.318473816	1.033367109	10
0.858261347	1.640097857	1.07876792	100
0.854875326	0.902649641	0.877869177	1000

nb item
1000

memory usage		
min	max	average
0.000539	0.000766	0.0006399
0.000594	0.001204	0.0006974
0.000622	0.00074	0.000706



COMPARISON ALGO / TIME

capacity	1000
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algo	average
Branch & bound bfs	0.130850983
Branch & bound dfs	0.001994658
dynamic programming	4.752954984
dynamic top down	51.06094961
dynamic FPTAS	4.30384593
Greedy value	0.043284488
Greedy weight	0.035208726
CMCM	0.877869177

