

Isak Erikstad. 10.02.2025.

Metaheuristics – Assignment 2

Call_7_Vehicle_3 [5 5 2 2 0 3 3 0 1 1 7 7 0 6 6 4 4]				
	Average objective	Best objective	Improvement (%)	Running Time
Random Search	2435018.367071525	1517496.0,	53.2	4.185942649841309

Call_18_Vehicle_5 [0 0 0 0 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18]				
	Average objective	Best objective	Improvement (%)	Running Time
Random Search	8959782.0	8959782.0	0	6.65828800201416

Call_35_Vehicle_7 [0 0 0 0 0 0 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35]				
	Average objective	Best objective	Improvement (%)	Running Time
Random Search	18387821.0	18387821.0	0	7.0779478549957275

Call_80_Vehicle_20 [0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80]				
	Average objective	Best objective	Improvement (%)	Running Time
Random Search	46770347.0	46770347.0	0	20.009705305099487

Call_130_Vehicle_40 [0]				
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0 0 0 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68
69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86
87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104
105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122
123 124 125 126 127 128 129 130 1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46
47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64
65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82
83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118
119 120 121 122 123 124 125 126 127 128 129 130]

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	Average objective	Best objective	Improvement (%)	Running Time
Random Search	76627567.0	76627567.0	0	38.01997208595276

Call 300_Vehicle_90

[illegible]

151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168
 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186
 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204
 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222
 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240
 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258
 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276
 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294
 295 296 297 298 299 300]

	Average objective	Best objective	Improvement (%)	Running Time
Random Search	170784643	170784643	0	59.866342306137085