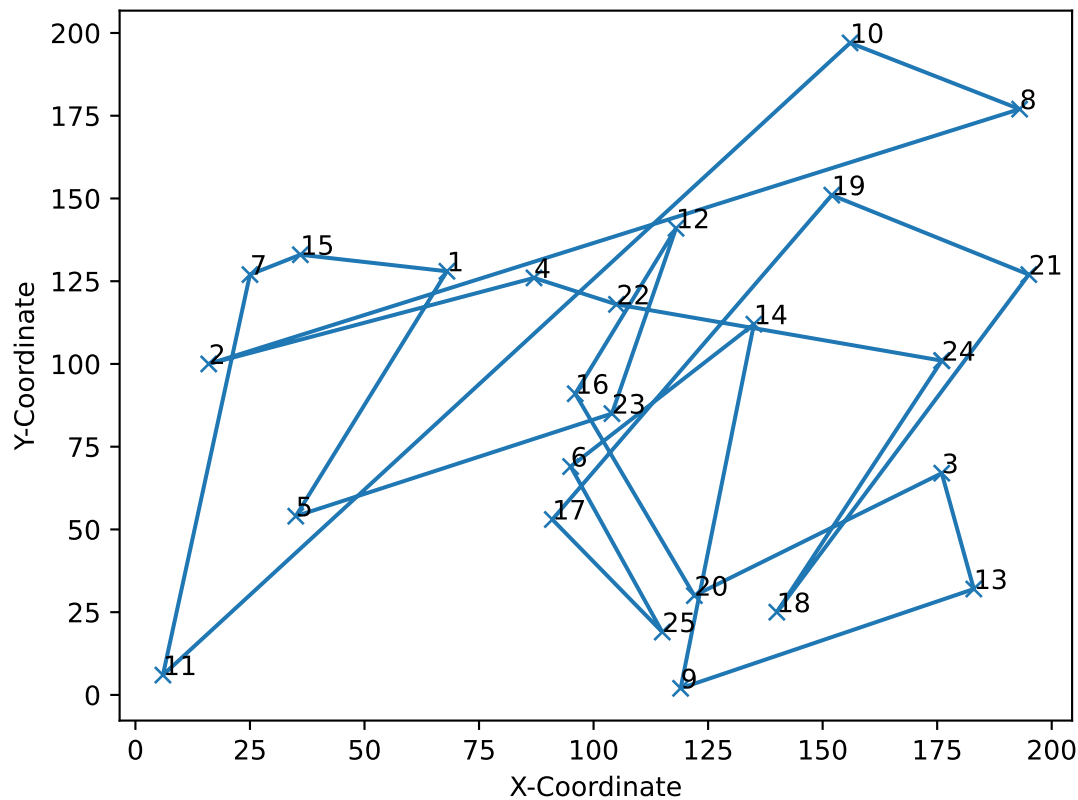
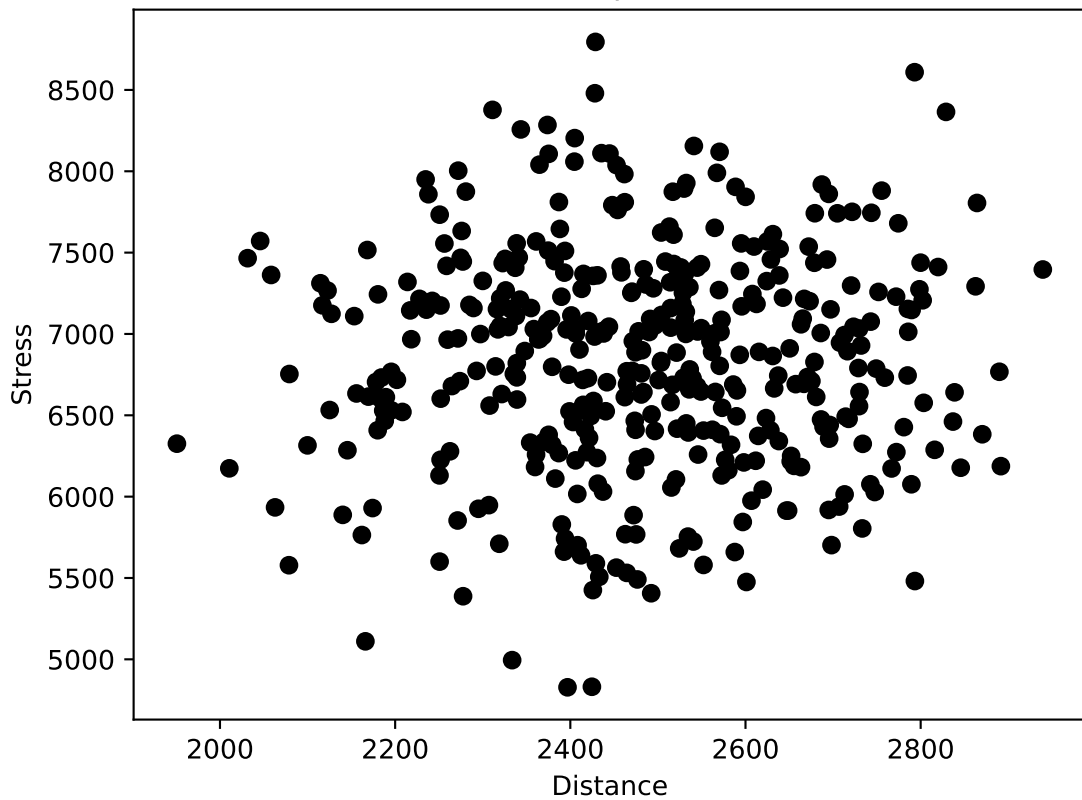


[C1\_(68,128)\_(T:8), C2\_(16,100)\_(T:14), C3\_(176,67)\_(T:7), C4\_(87,126)\_(T:27), C5\_(35,54)\_(T:38),  
C6\_(95,69)\_(T:1), C7\_(25,127)\_(T:12), C8\_(193,177)\_(T:23), C9\_(119,2)\_(T:4), C10\_(156,197)\_(T:11),  
C11\_(6,6)\_(T:9), C12\_(118,141)\_(T:6), C13\_(183,32)\_(T:39), C14\_(135,112)\_(T:24), C15\_(36,133)\_(T:9),  
C16\_(96,91)\_(T:12), C17\_(91,53)\_(T:16), C18\_(140,25)\_(T:37), C19\_(152,151)\_(T:24), C20\_(122,30)\_(T:15),  
C21\_(195,127)\_(T:31), C22\_(105,118)\_(T:3), C23\_(104,85)\_(T:25), C24\_(176,101)\_(T:12), C25\_(115,19)\_(T:26)]

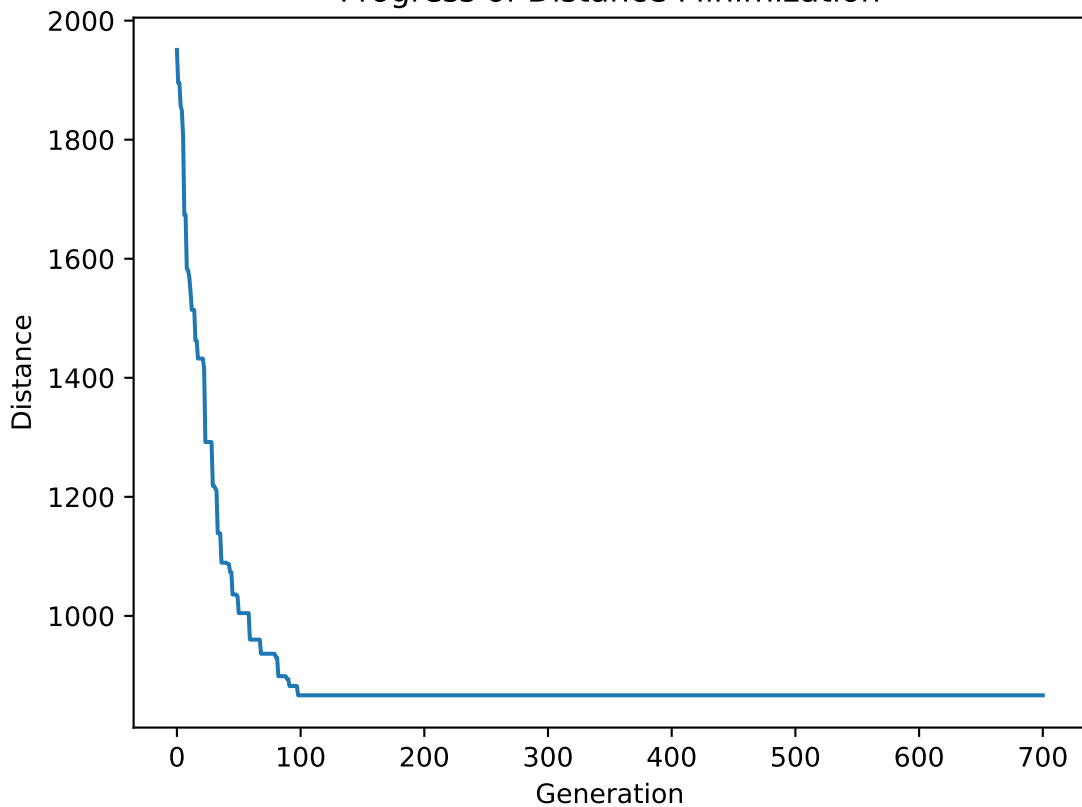
Best initial route



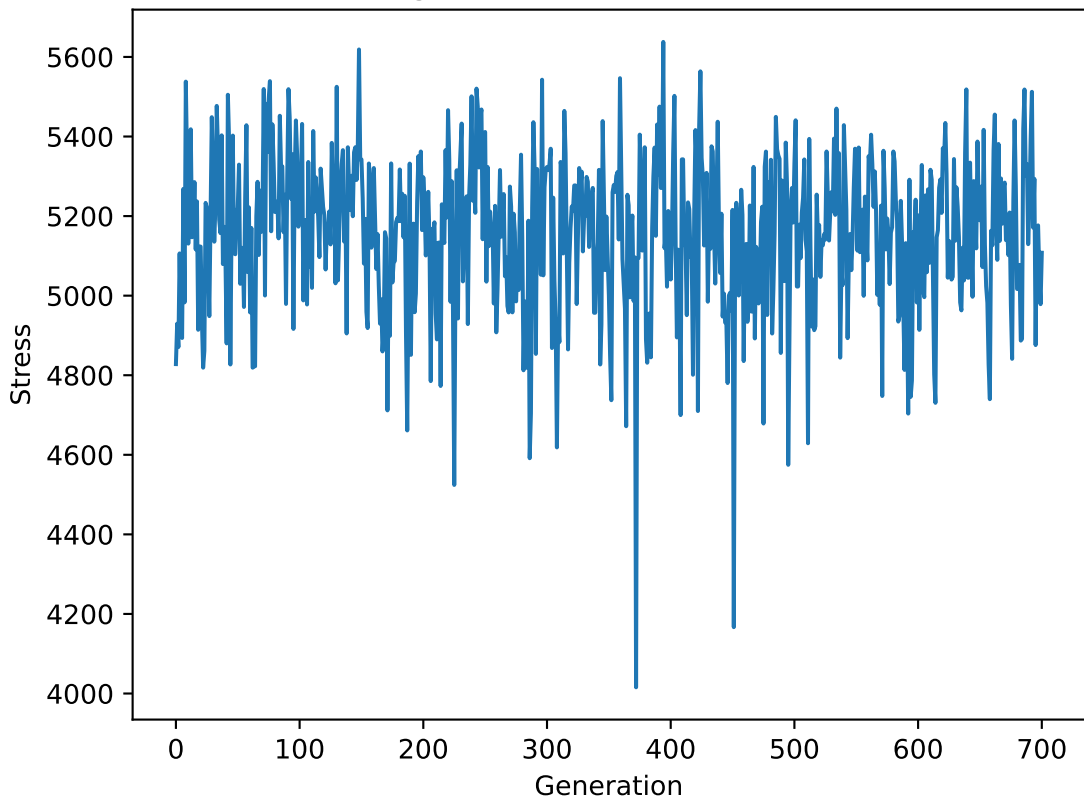
Initial Population



Progress of Distance Minimization

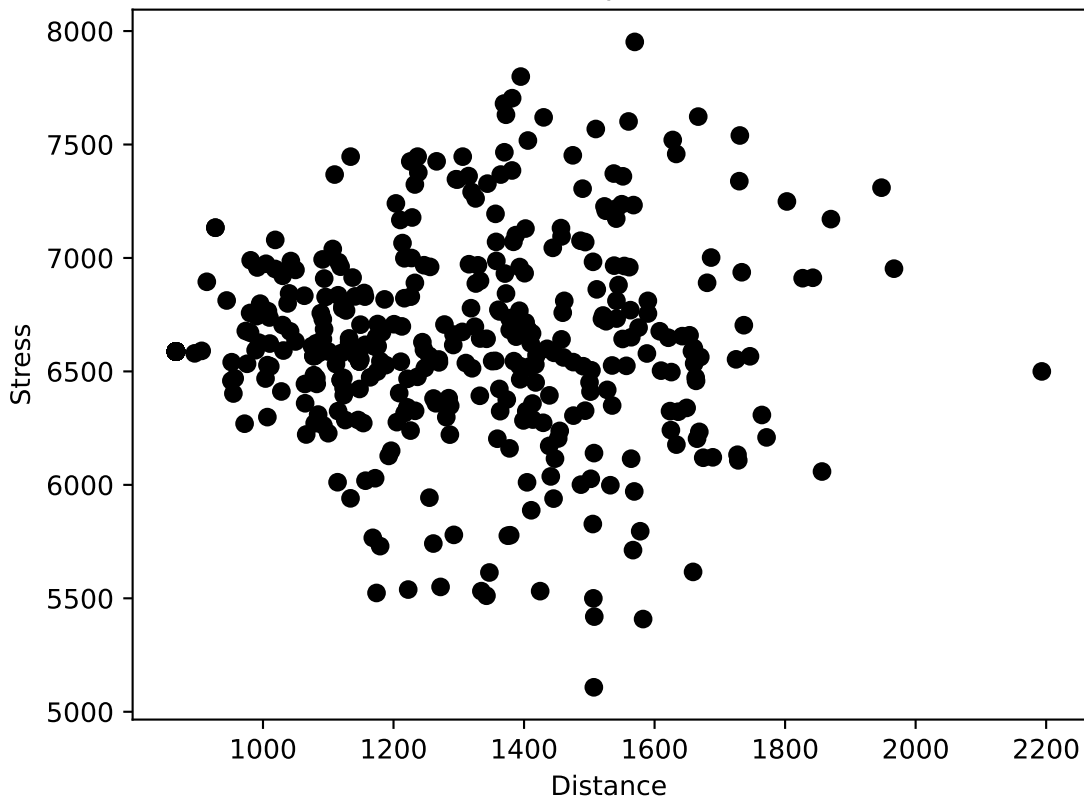


Progress of Stress Minimization



Initial distance : 1950.8342036797692  
Initial stress: 6325.6  
Initial objective: 1950.8342036797692  
Final objective: 866.5775241690225  
Final distance : 866.5775241690225  
Final stress: 6587.599999999999

Final Population



[C17\_(91,53)\_(T:16), C11\_(6,6)\_(T:9), C5\_(35,54)\_(T:38), C2\_(16,100)\_(T:14), C7\_(25,127)\_(T:12),  
C15\_(36,133)\_(T:9), C1\_(68,128)\_(T:8), C4\_(87,126)\_(T:27), C22\_(105,118)\_(T:3), C14\_(135,112)\_(T:24),  
C12\_(118,141)\_(T:6), C19\_(152,151)\_(T:24), C10\_(156,197)\_(T:11), C8\_(193,177)\_(T:23), C21\_(195,127)\_(T:31),  
C24\_(176,101)\_(T:12), C3\_(176,67)\_(T:7), C13\_(183,32)\_(T:39), C18\_(140,25)\_(T:37), C9\_(119,2)\_(T:4),  
C25\_(115,19)\_(T:26), C20\_(122,30)\_(T:15), C23\_(104,85)\_(T:25), C16\_(96,91)\_(T:12), C6\_(95,69)\_(T:1)]



Best final route

