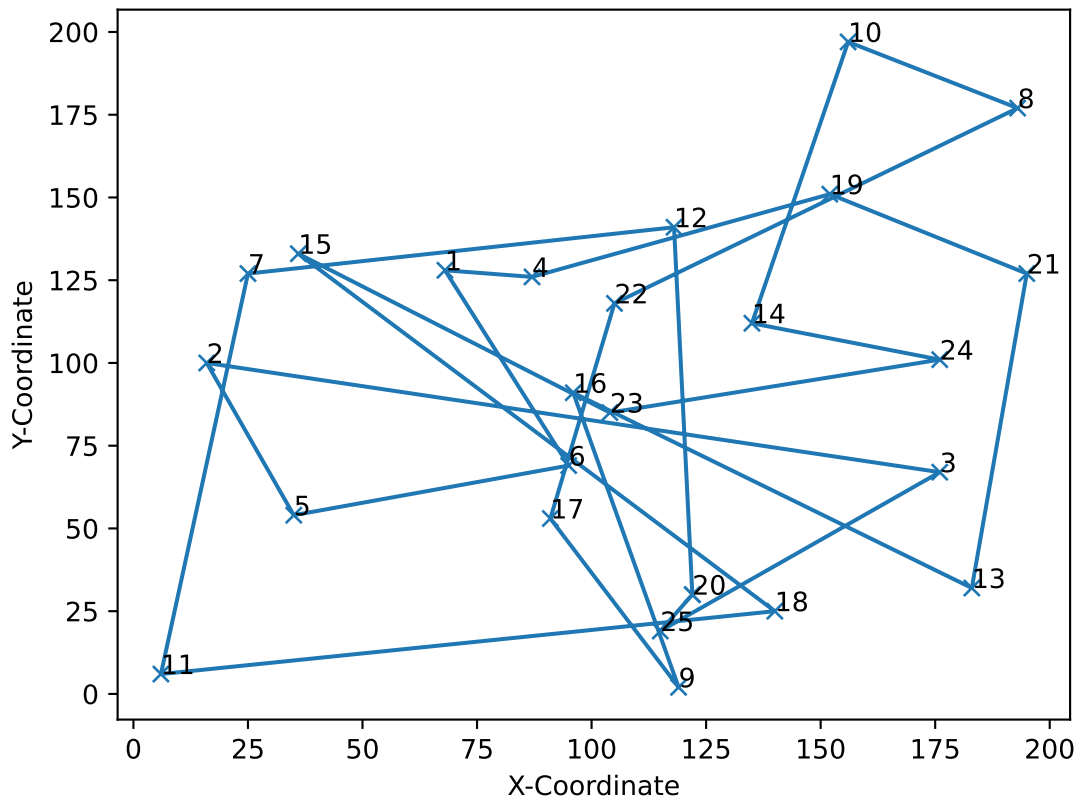
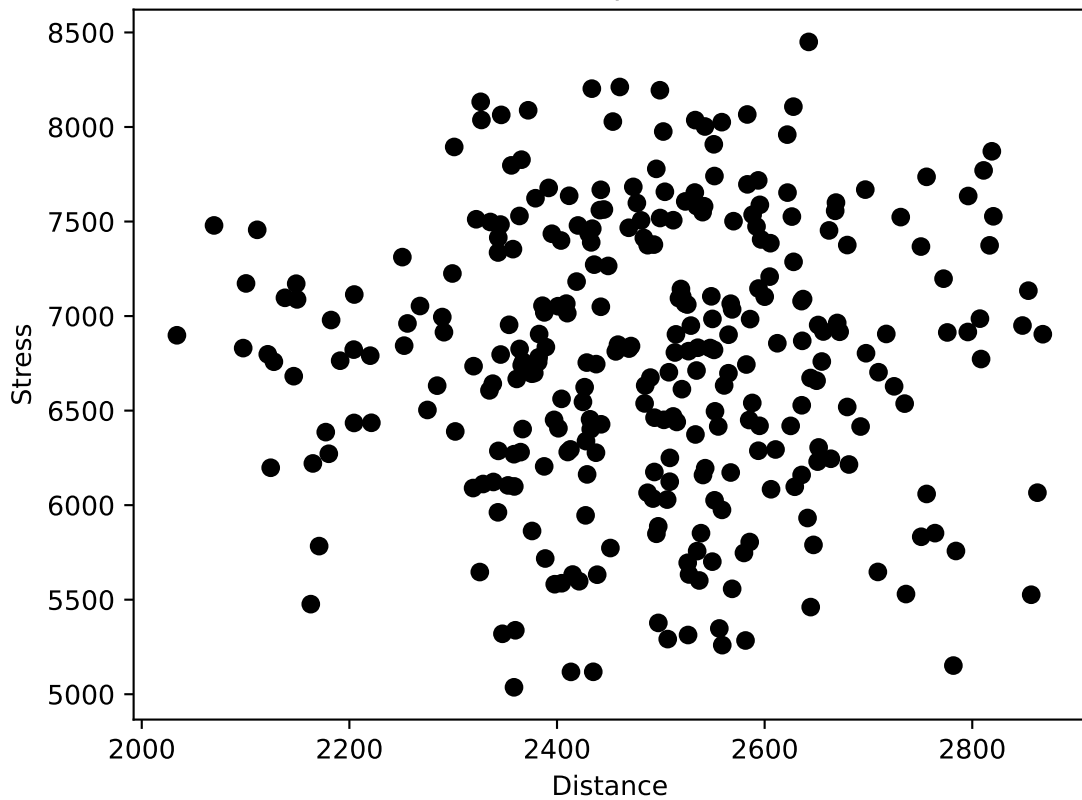


[C1_(68,128)_(T:8), C2_(16,100)_(T:14), C3_(176,67)_(T:7), C4_(87,126)_(T:27), C5_(35,54)_(T:38),
C6_(95,69)_(T:1), C7_(25,127)_(T:12), C8_(193,177)_(T:23), C9_(119,2)_(T:4), C10_(156,197)_(T:11),
C11_(6,6)_(T:9), C12_(118,141)_(T:6), C13_(183,32)_(T:39), C14_(135,112)_(T:24), C15_(36,133)_(T:9),
C16_(96,91)_(T:12), 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)]

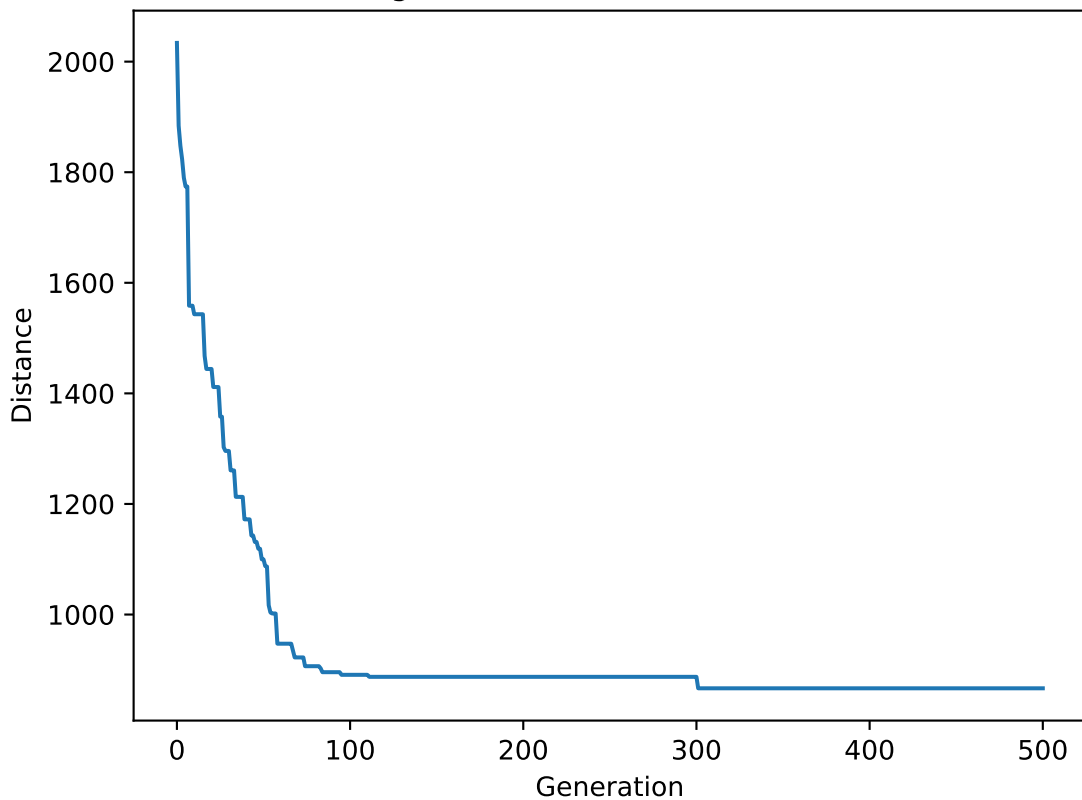
Best initial route



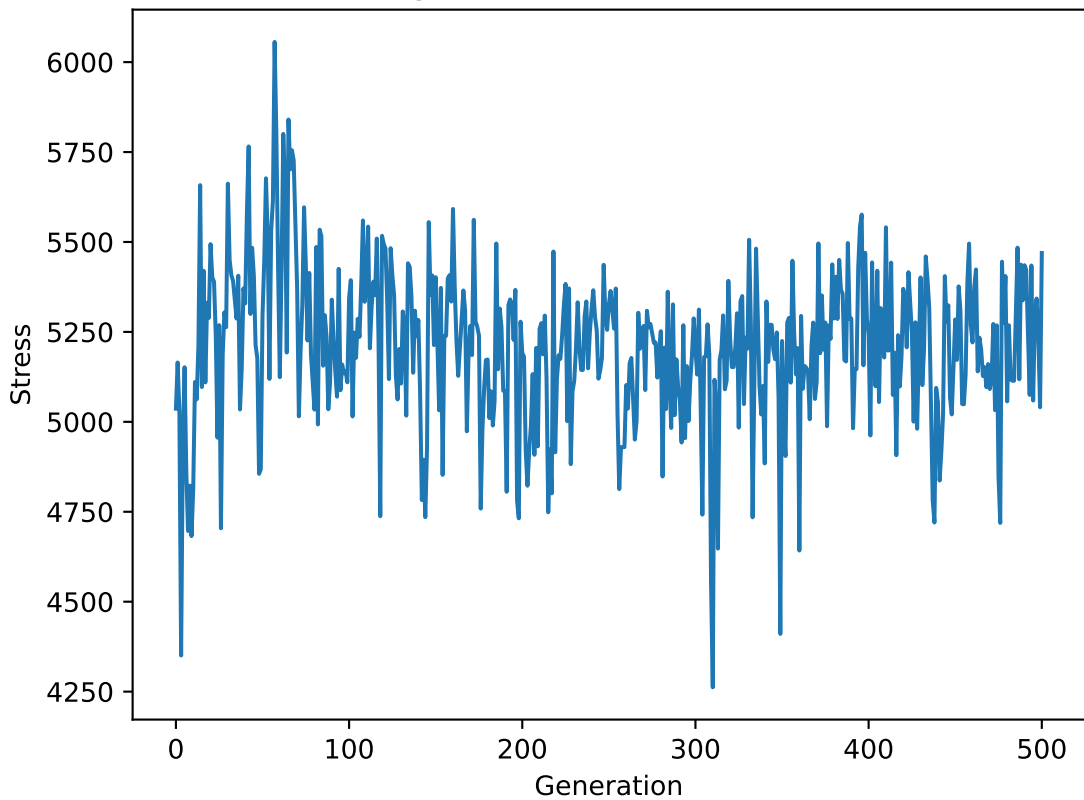
Initial Population



Progress of Distance Minimization

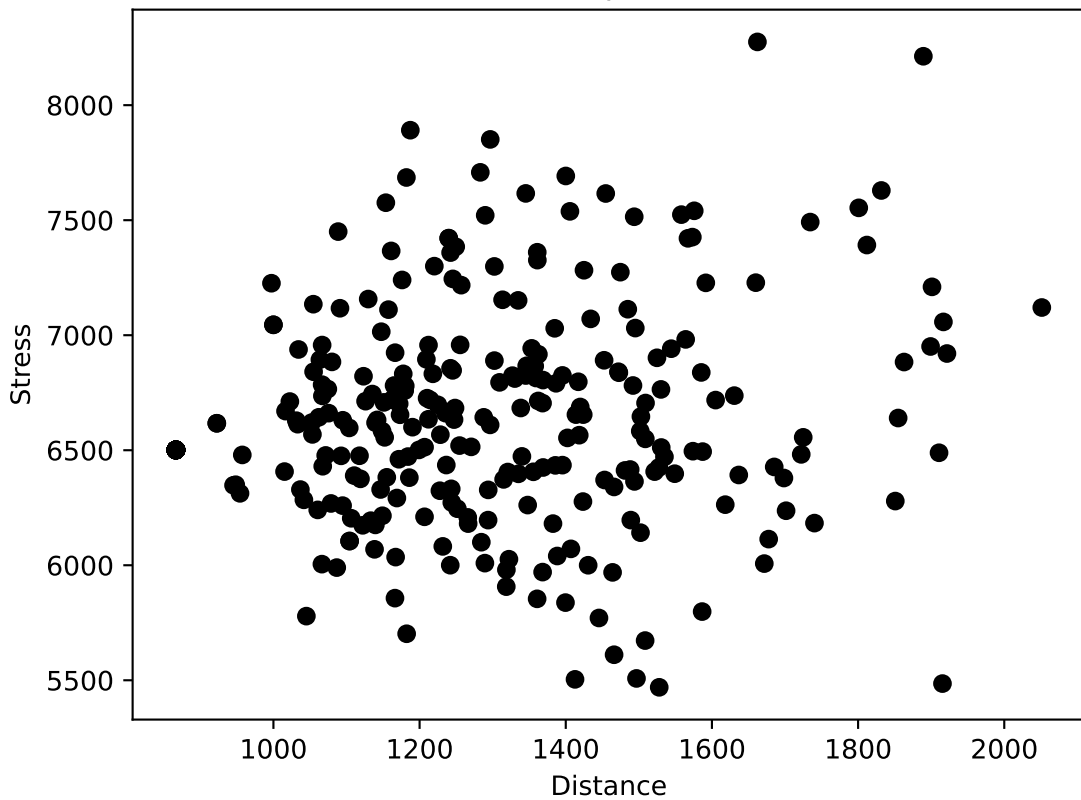


Progress of Stress Minimization



Initial distance : 2033.8682460670377
Initial stress: 6898.4
Initial objective: 2033.8682460670375
Final objective: 866.5775241690226
Final distance : 866.5775241690226
Final stress: 6501.2

Final Population



[C21_(195,127)_(T:31), C8_(193,177)_(T:23), C10_(156,197)_(T:11), C19_(152,151)_(T:24), C12_(118,141)_(T:6),
C14_(135,112)_(T:24), C22_(105,118)_(T:3), C4_(87,126)_(T:27), C1_(68,128)_(T:8), C15_(36,133)_(T:9),
C7_(25,127)_(T:12), C2_(16,100)_(T:14), C5_(35,54)_(T:38), C11_(6,6)_(T:9), C17_(91,53)_(T:16),
C6_(95,69)_(T:1), C16_(96,91)_(T:12), C23_(104,85)_(T:25), C20_(122,30)_(T:15), C25_(115,19)_(T:26),
C9_(119,2)_(T:4), C18_(140,25)_(T:37), C13_(183,32)_(T:39), C3_(176,67)_(T:7), C24_(176,101)_(T:12)]

Best final route

