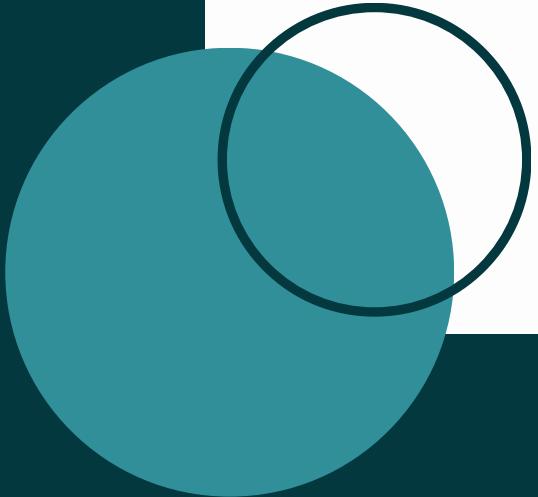


TRABAJO 2

Busqueda Local

Felipe Henao

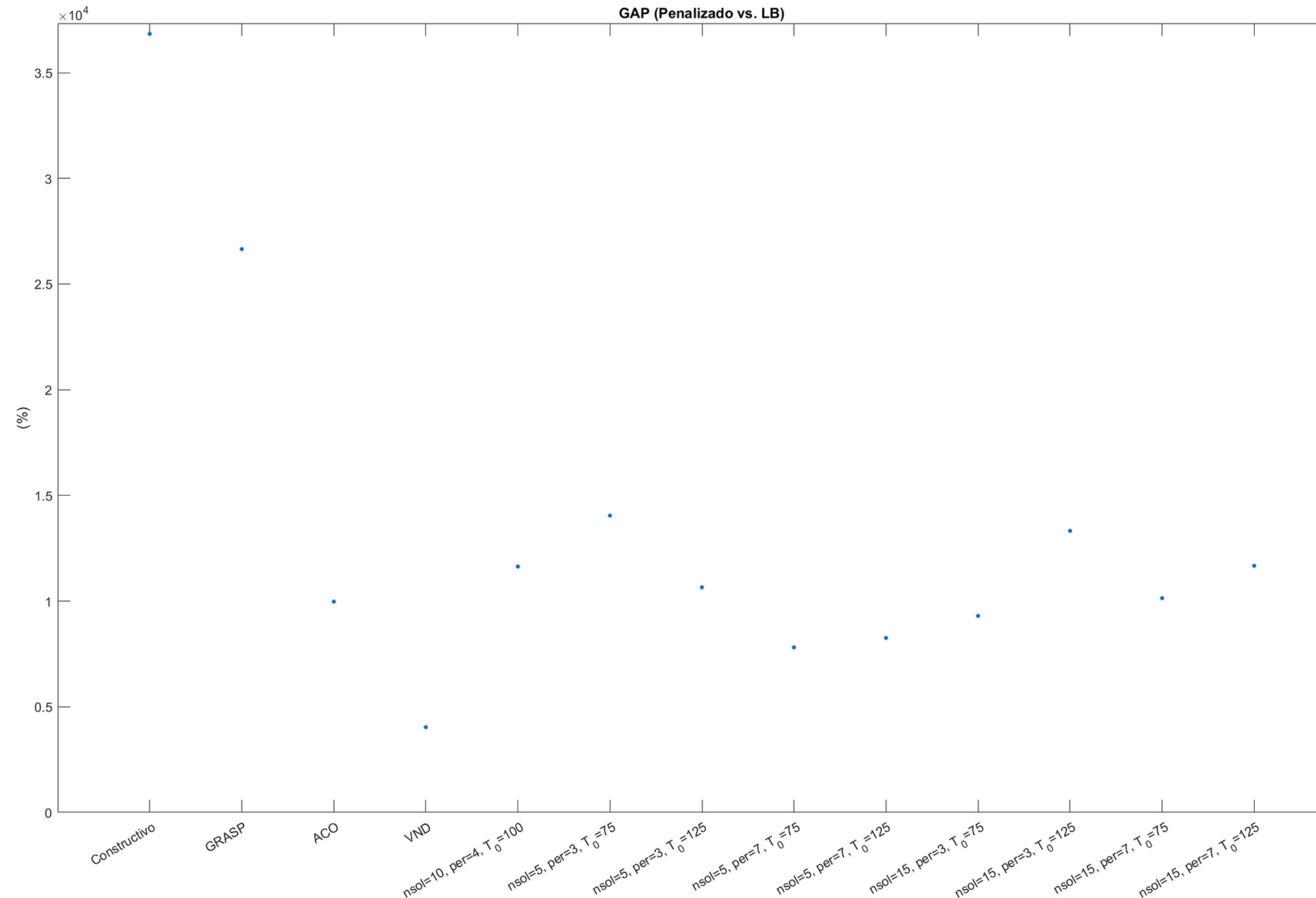


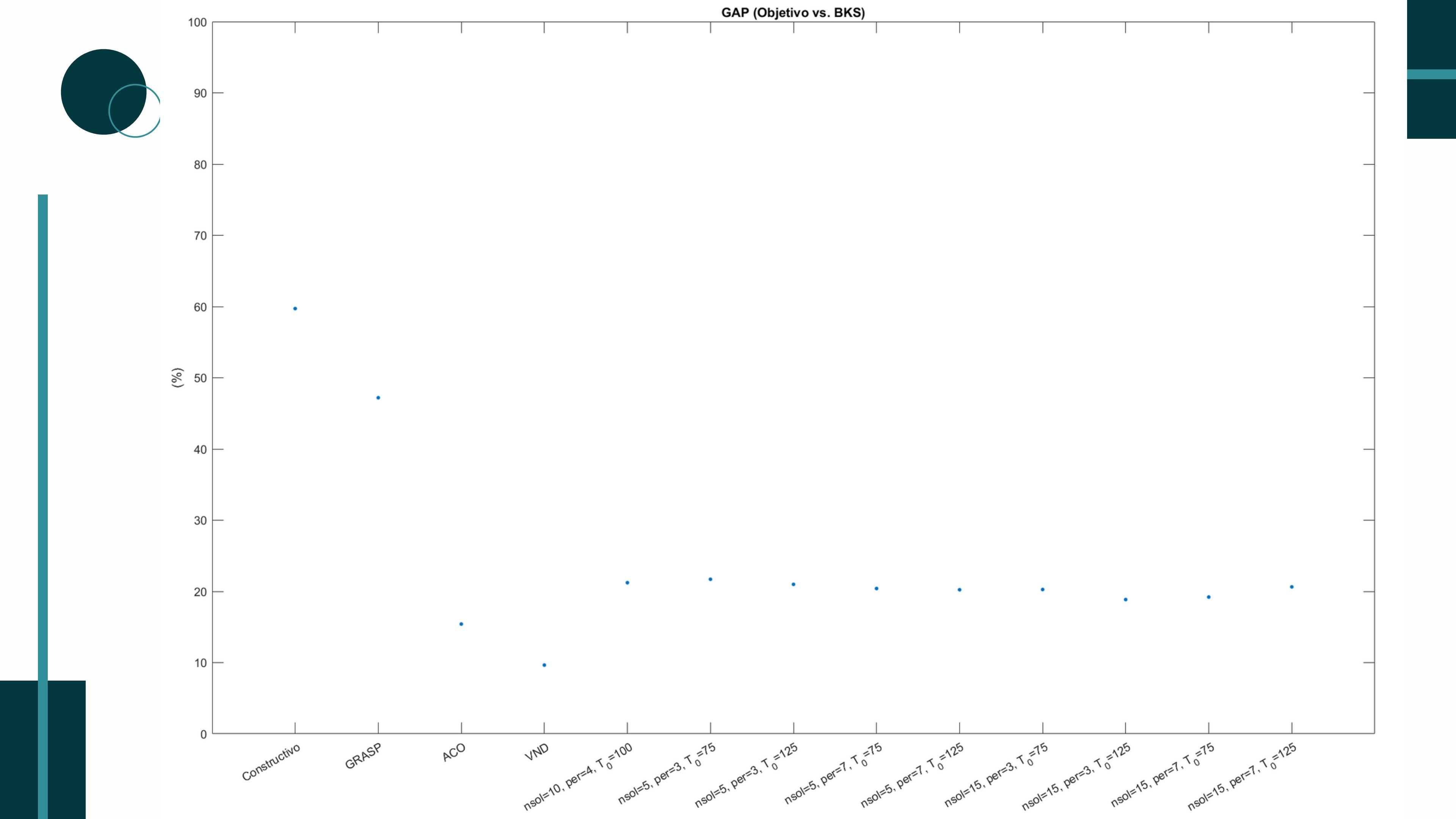
DESCRIPCIÓN DE LOS ALGORITMOS IMPLEMENTADOS

VND

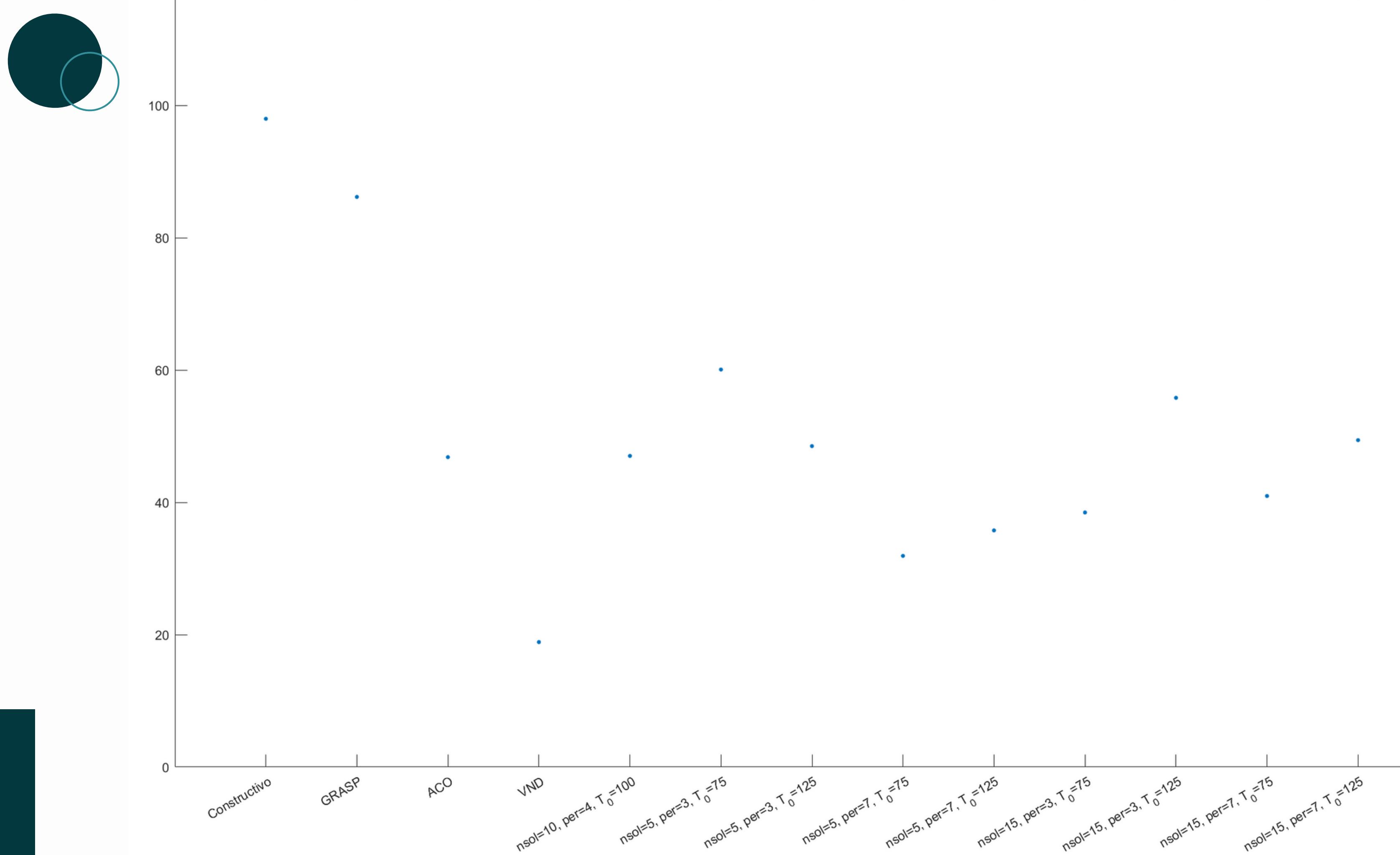
Multiples Soluciones, ILS y
Recocido Simulado

RESULTADOS

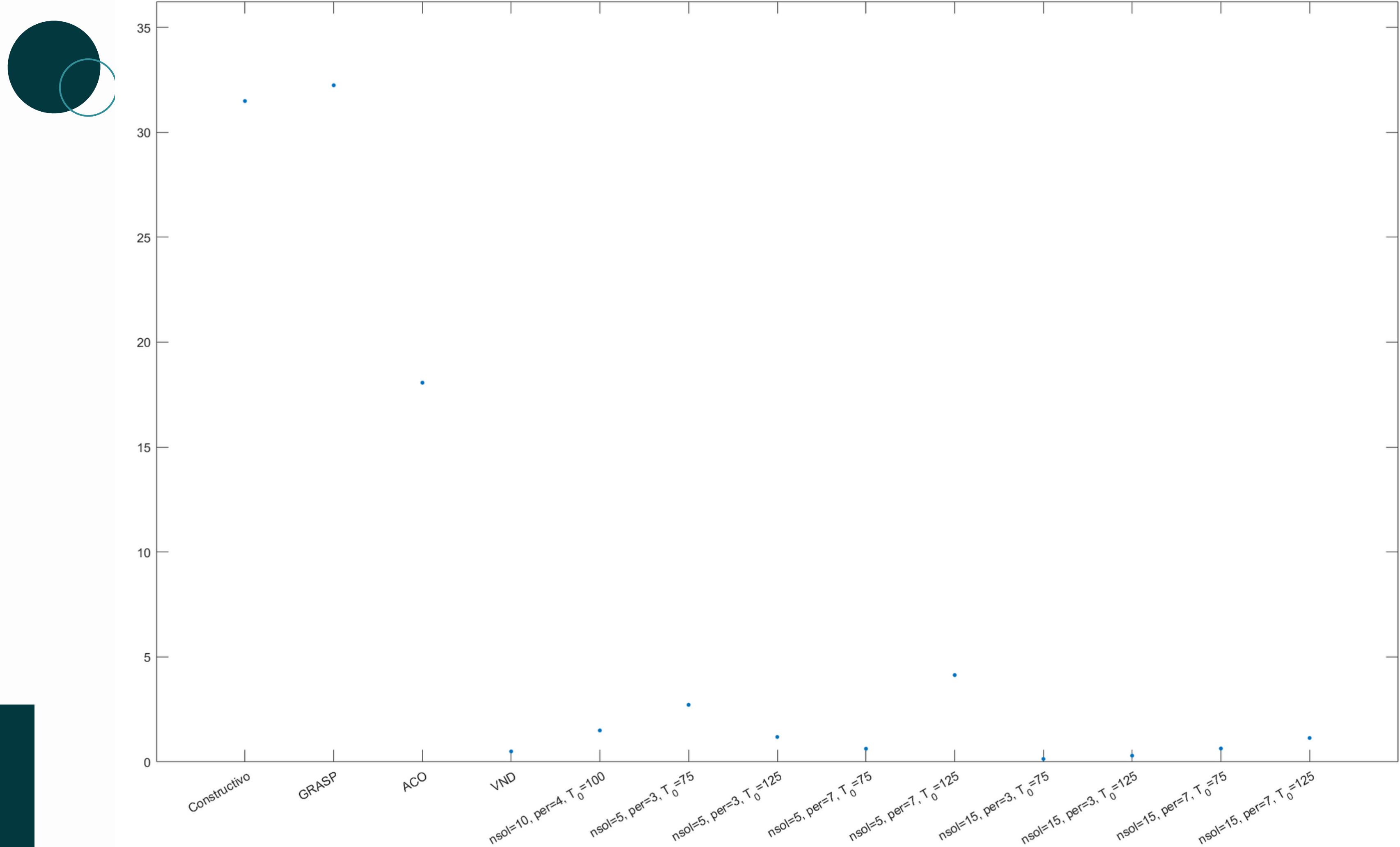




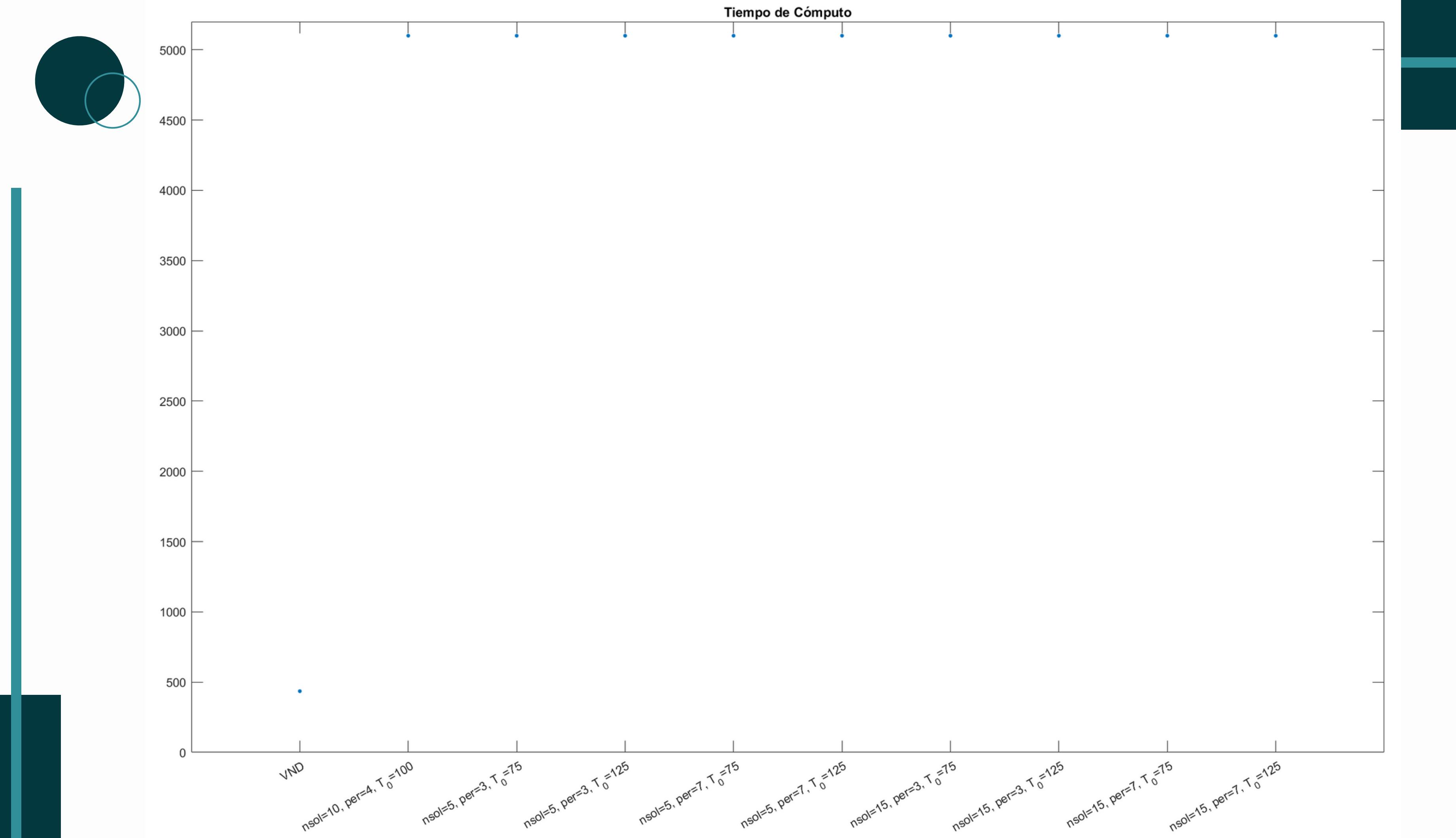
Violación Promedio del Th



Mínima Violación del Th

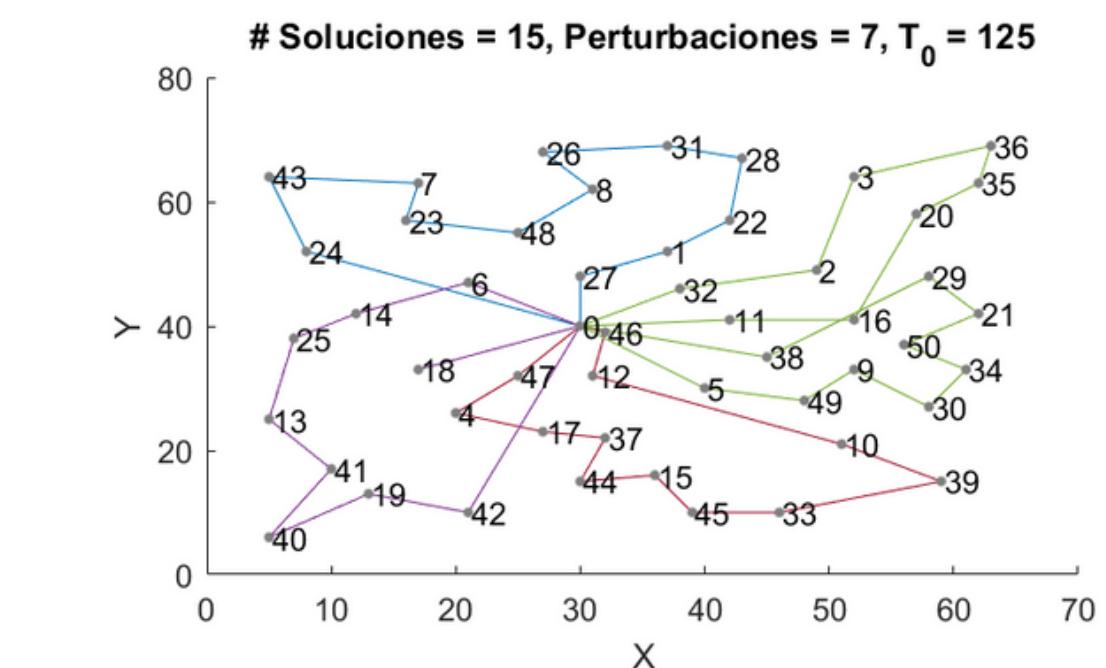
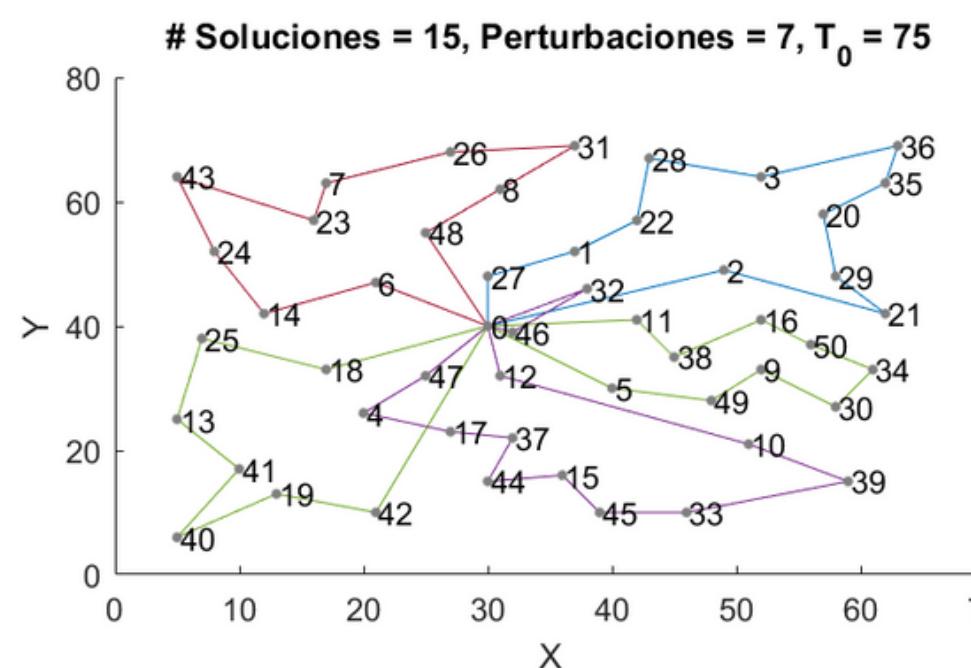
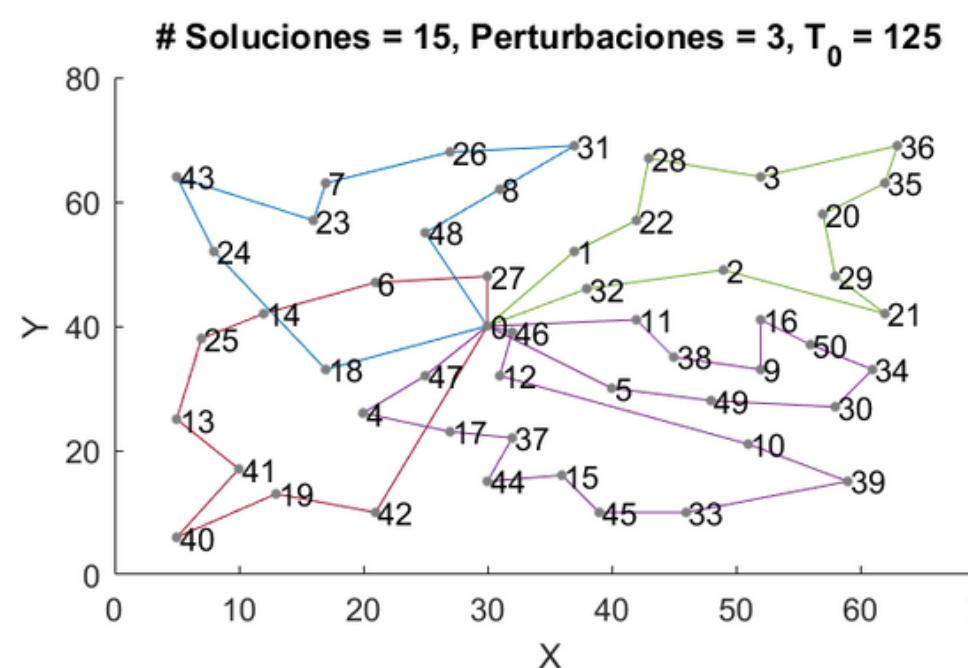
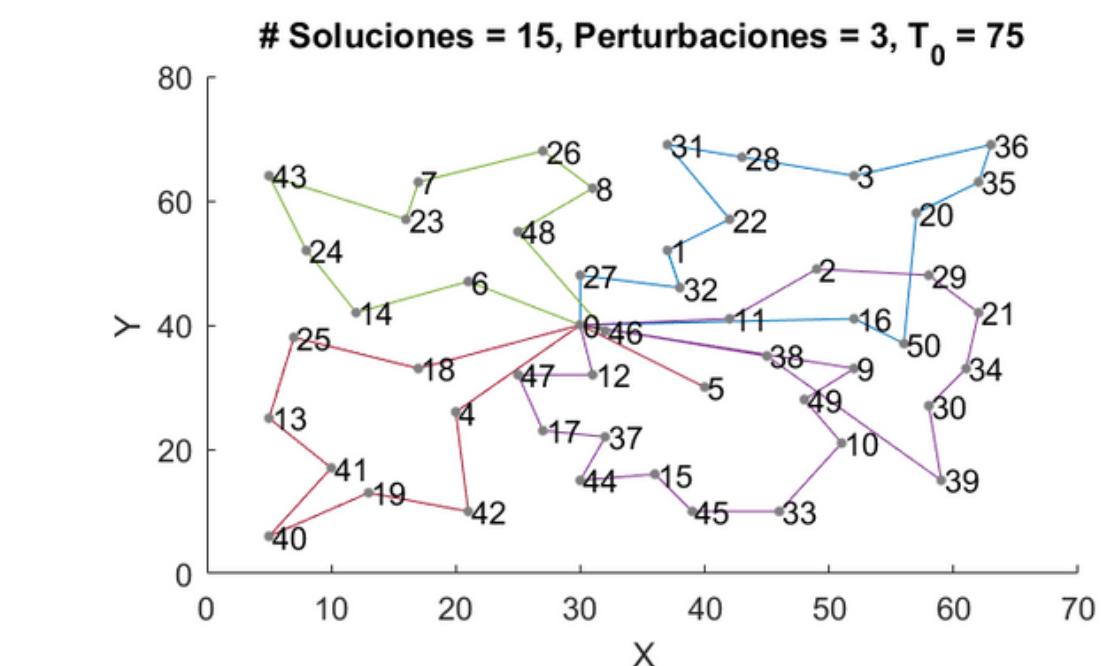
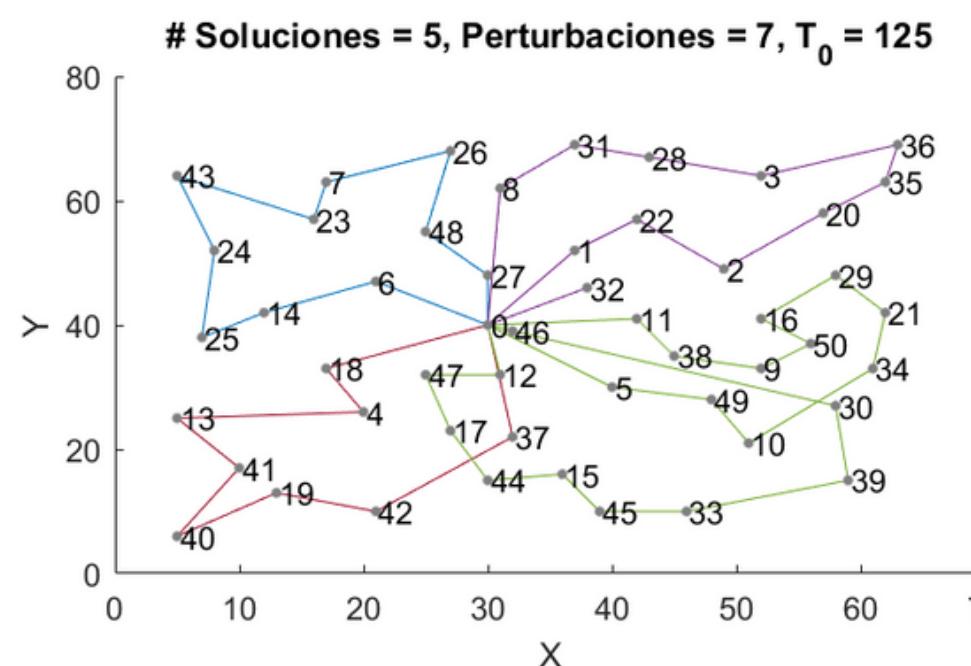
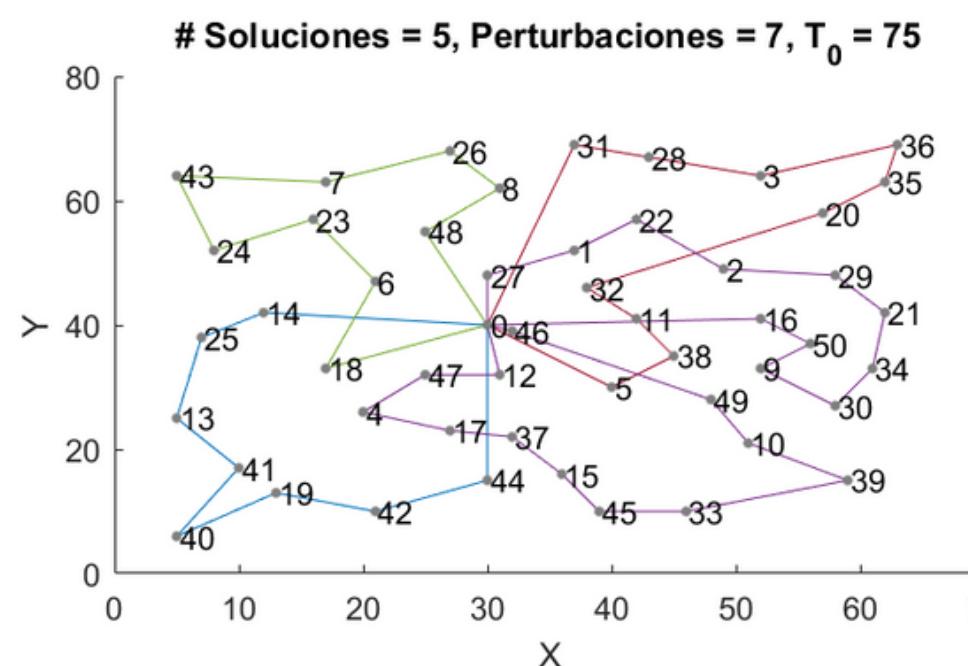
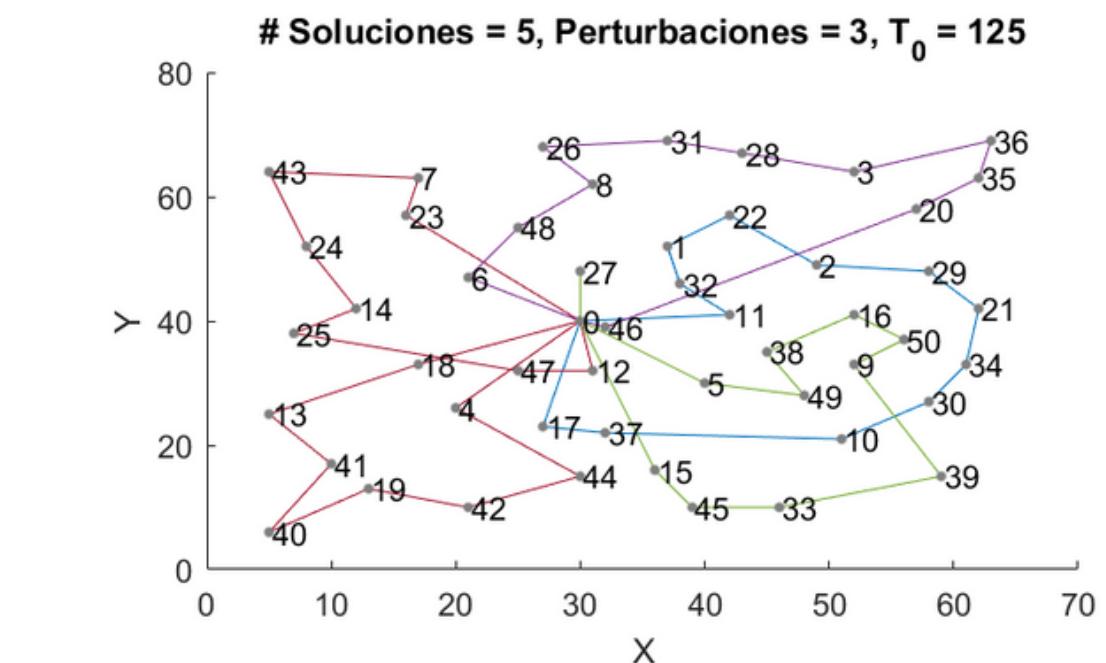
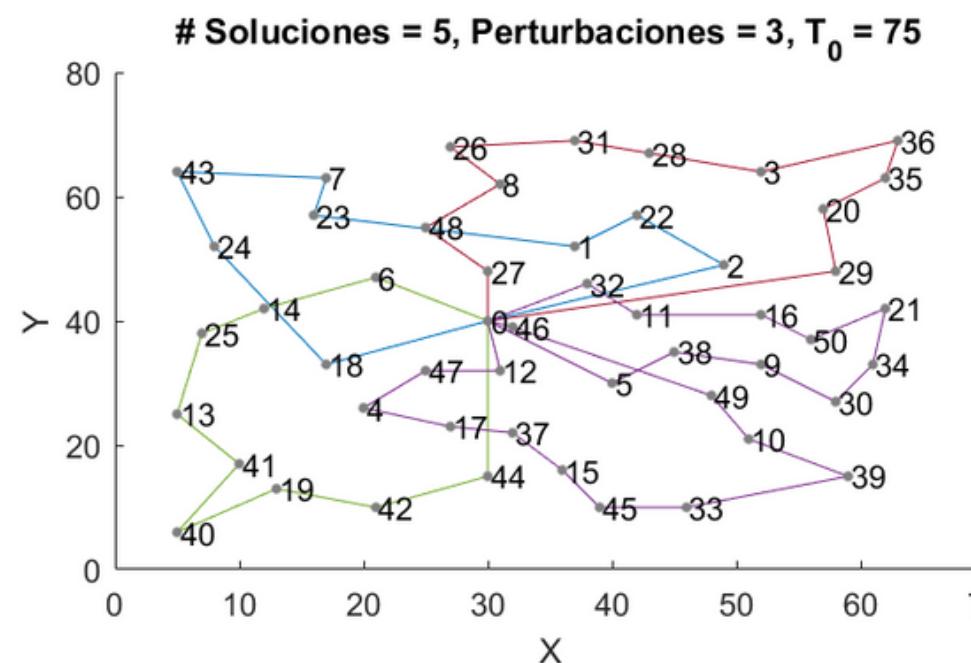
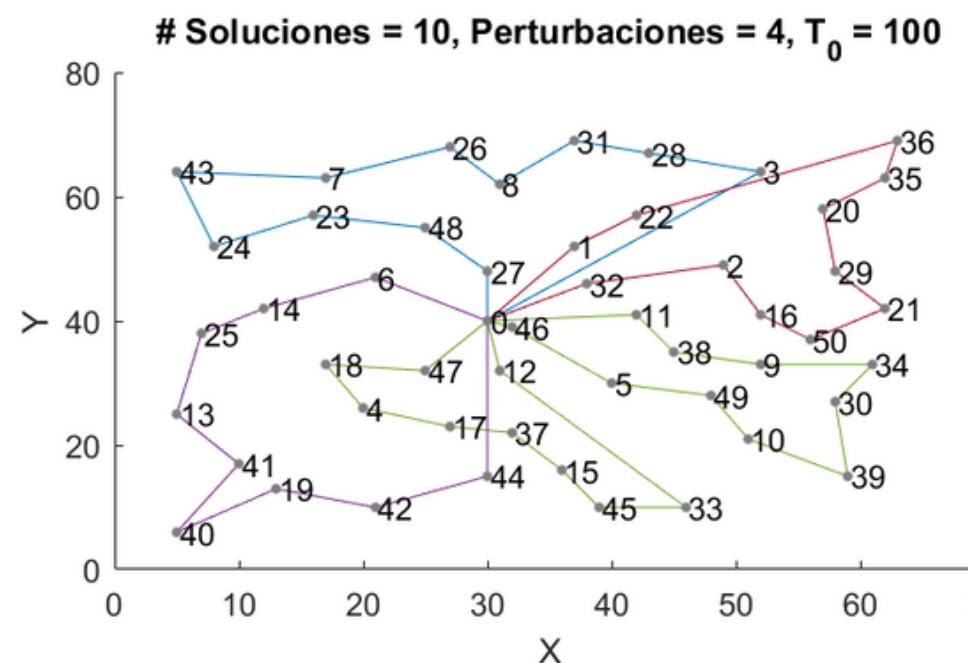


TIEMPO DE CÓMPUTO



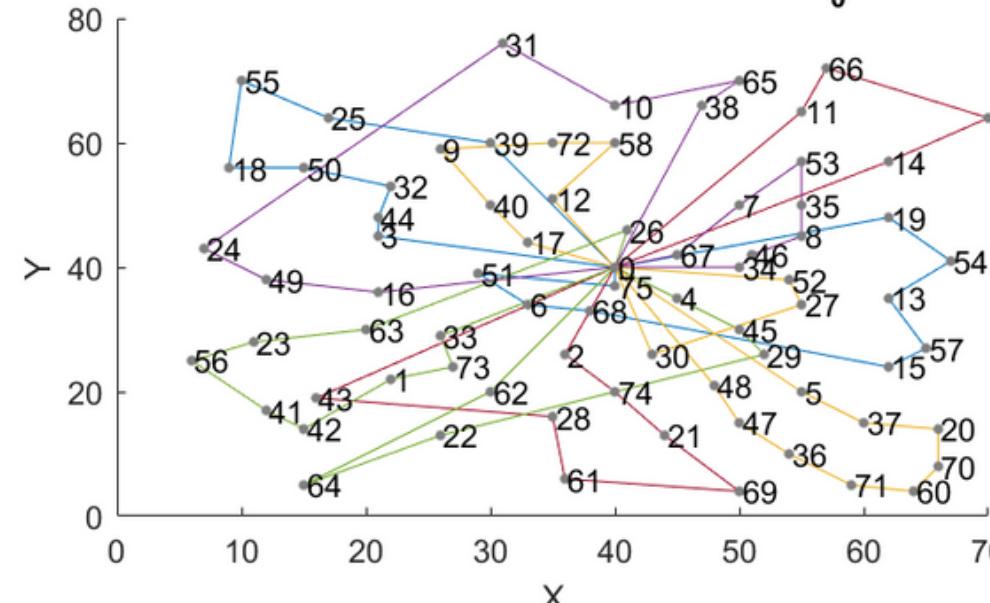
MEZCLA - RUTAS

mtVRP1

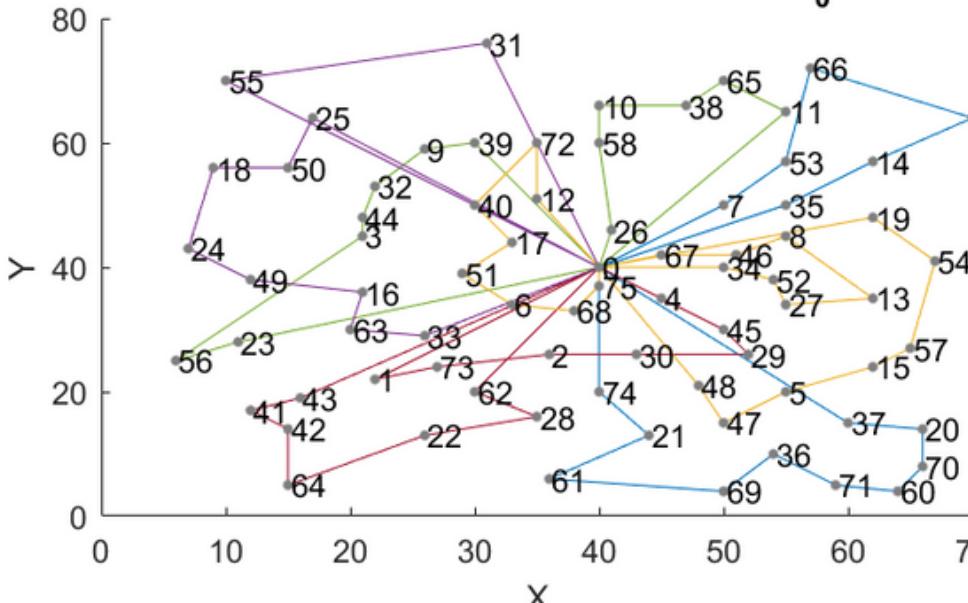


mtVRP2

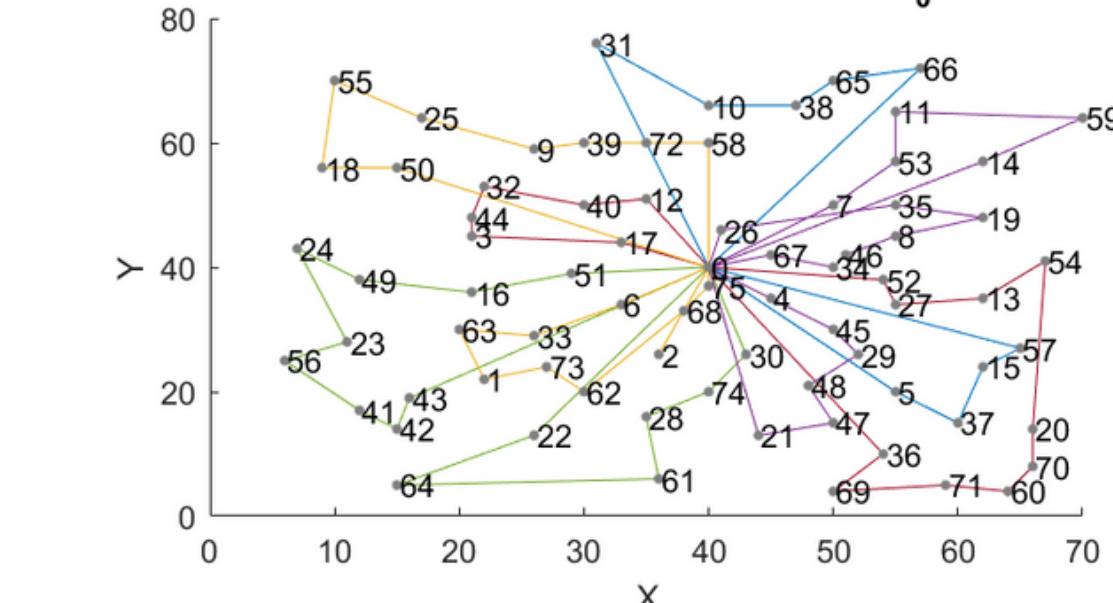
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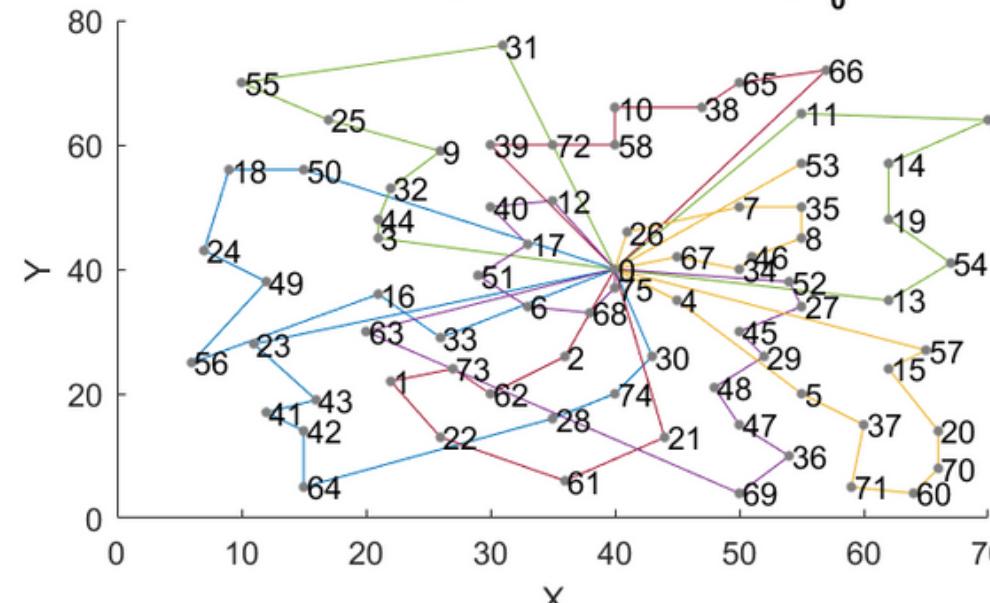
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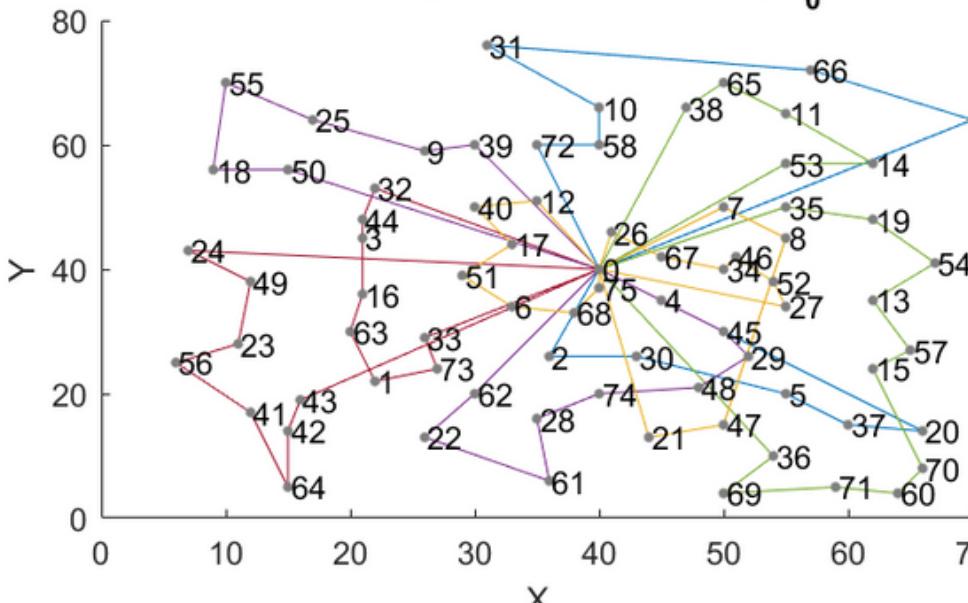
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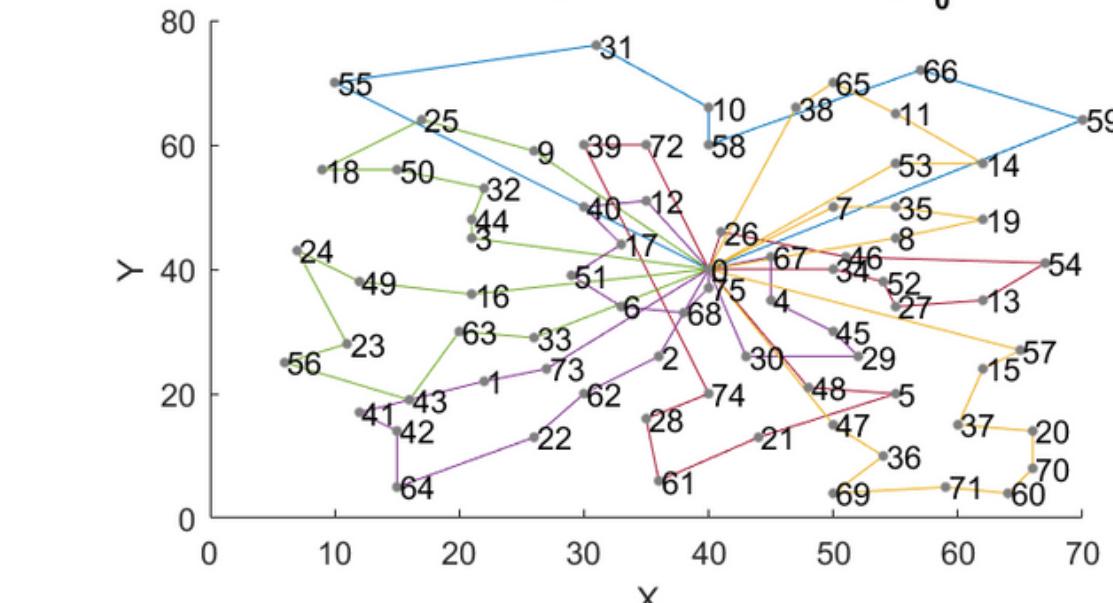
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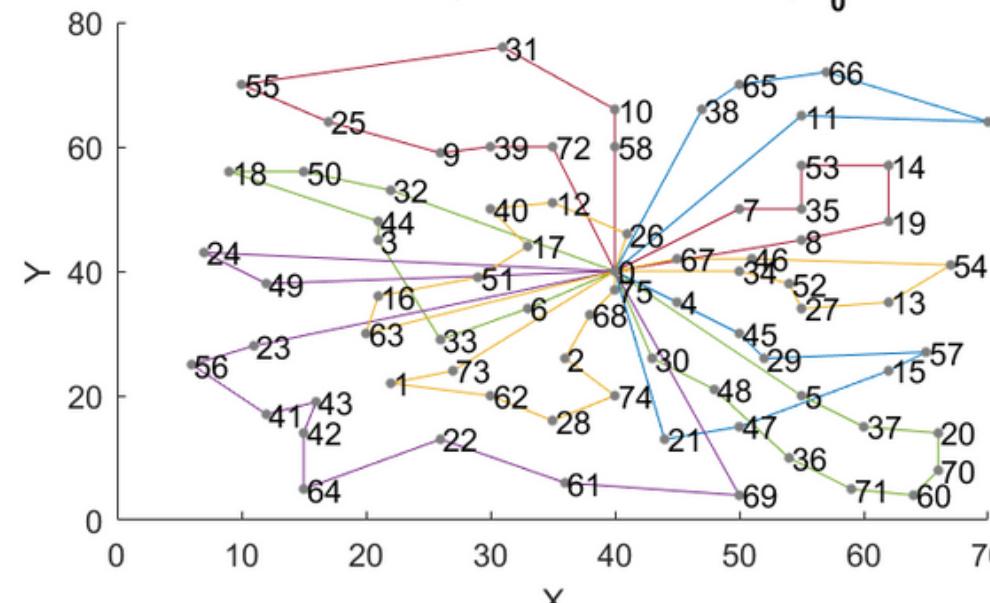
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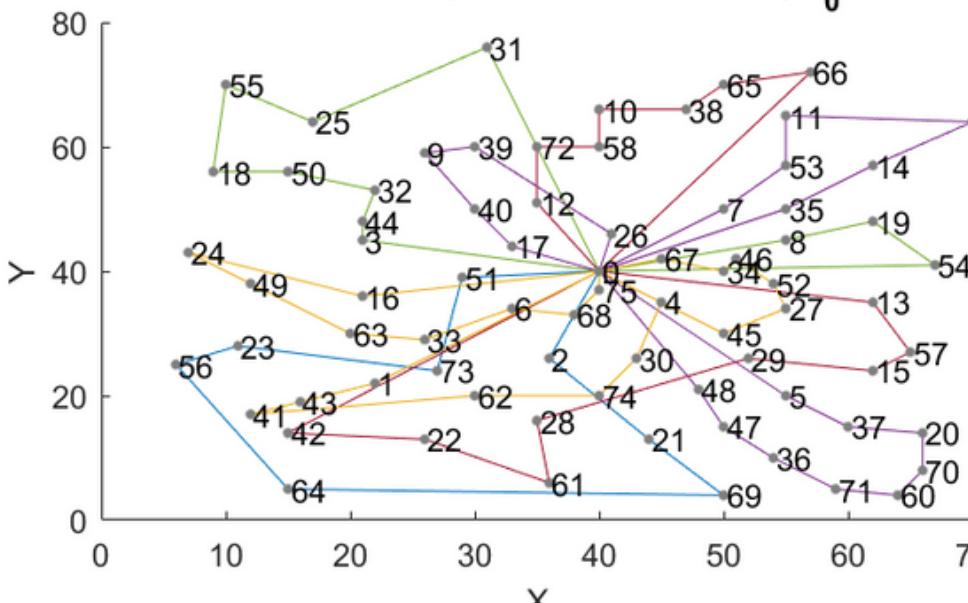
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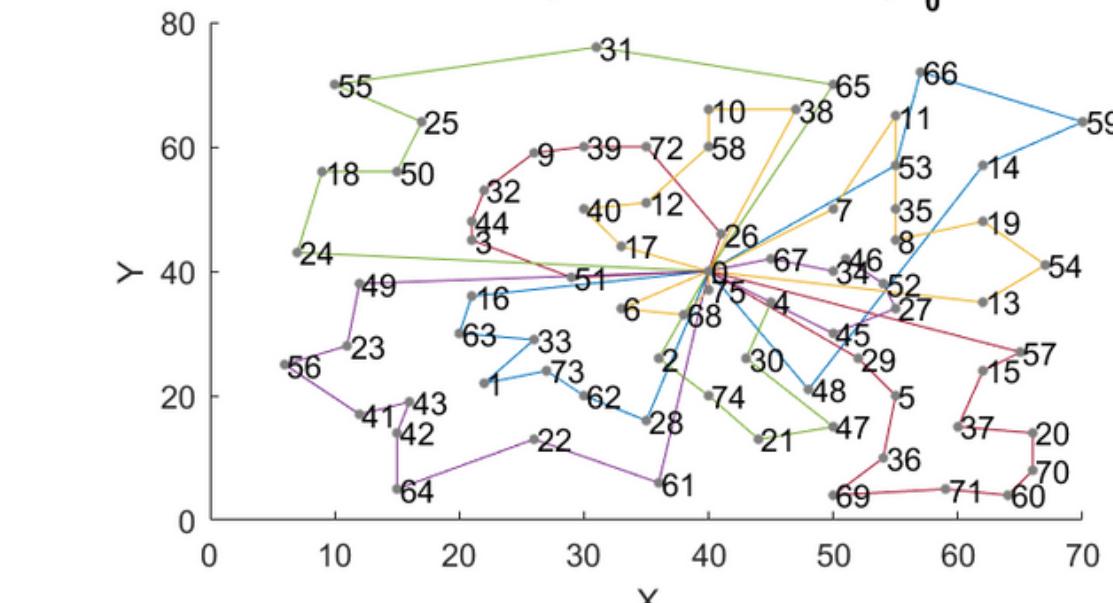
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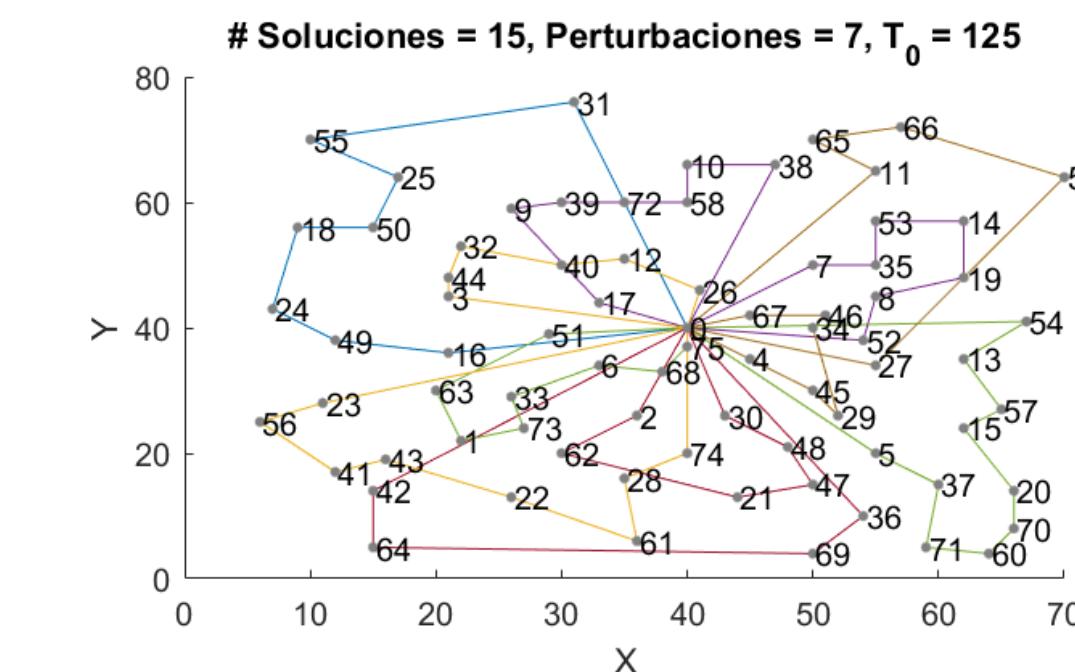
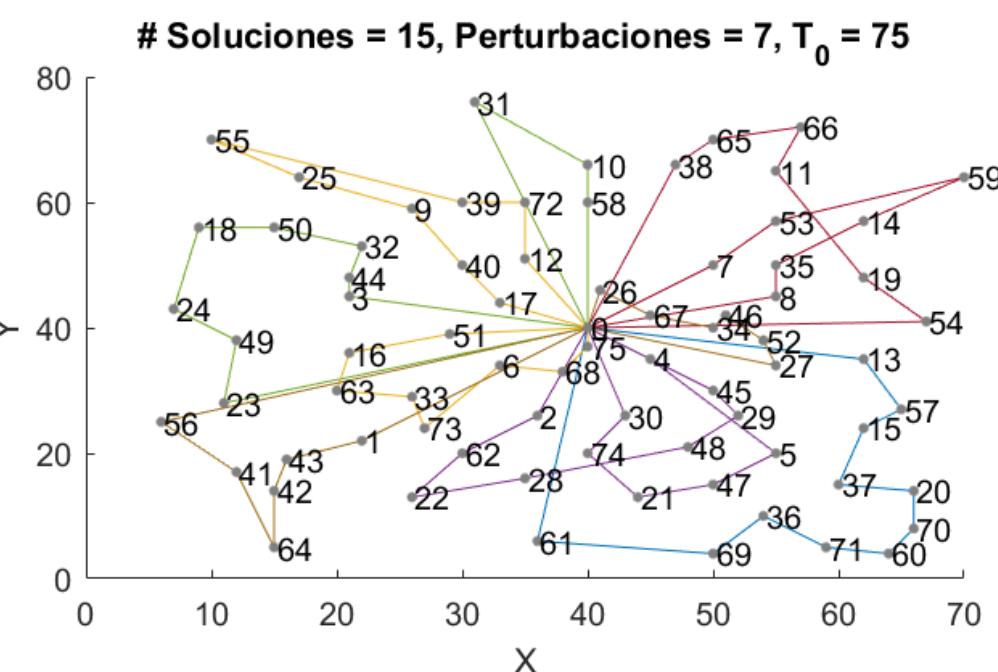
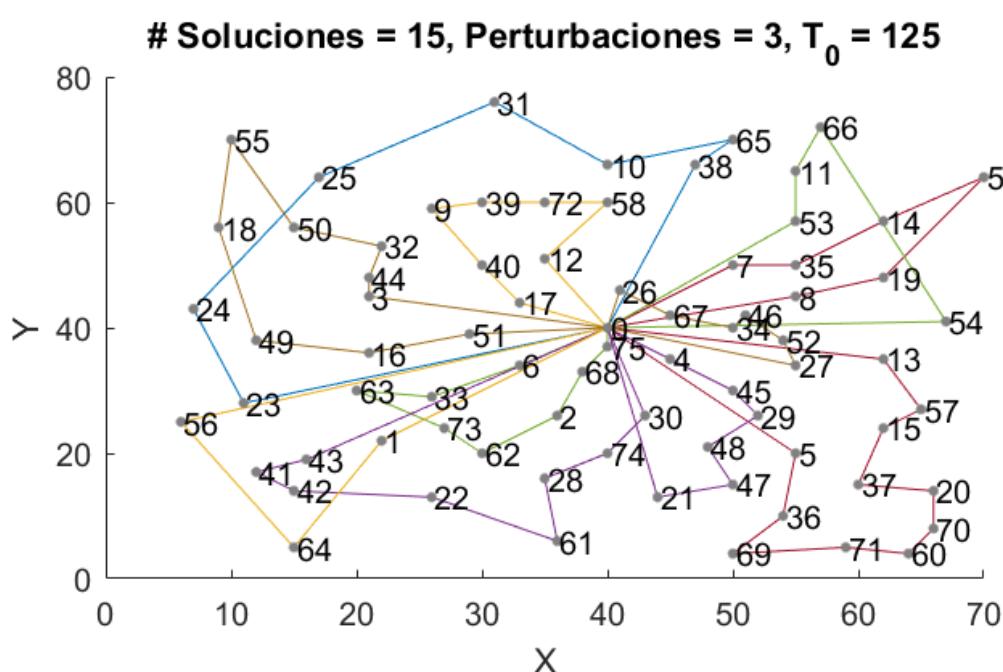
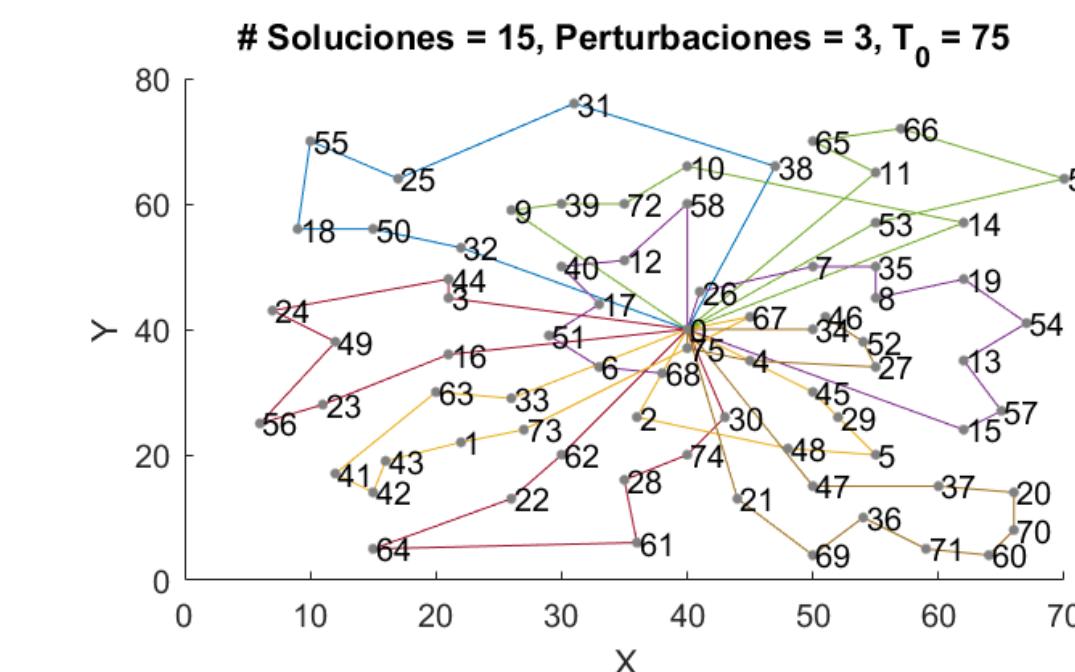
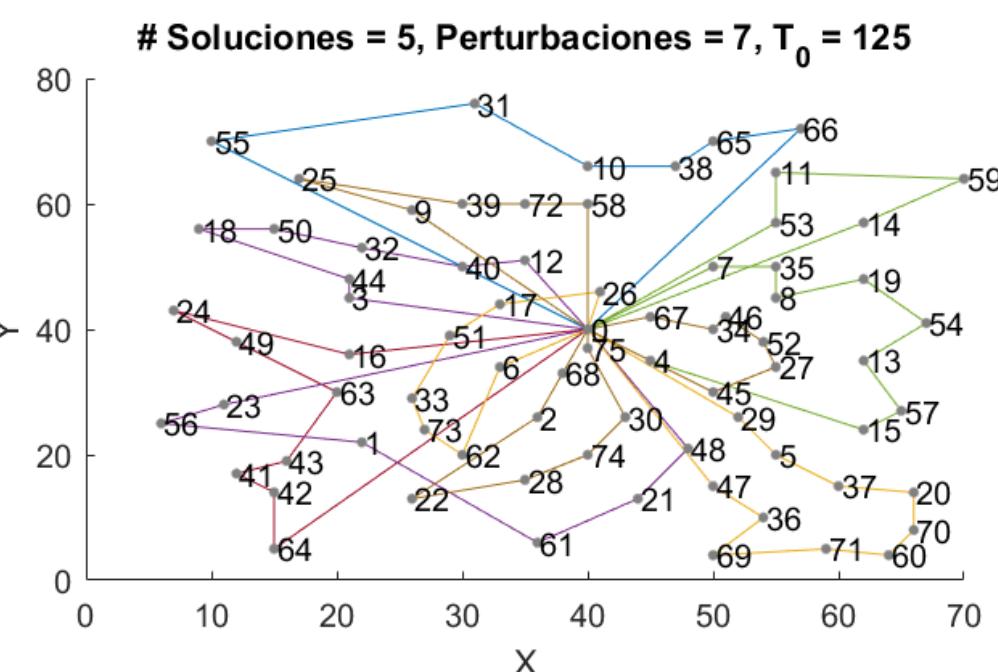
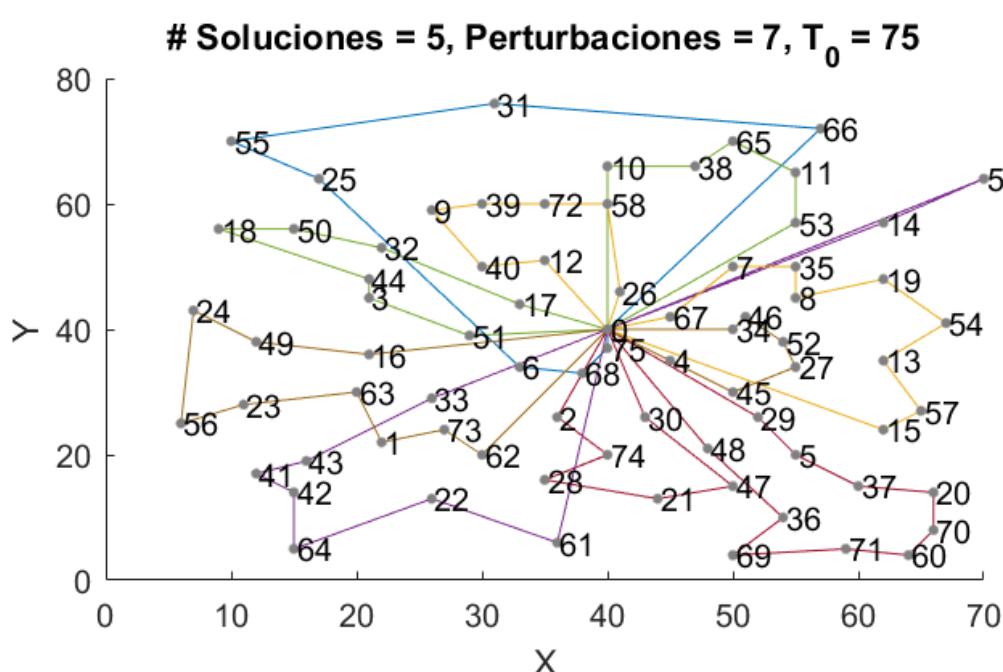
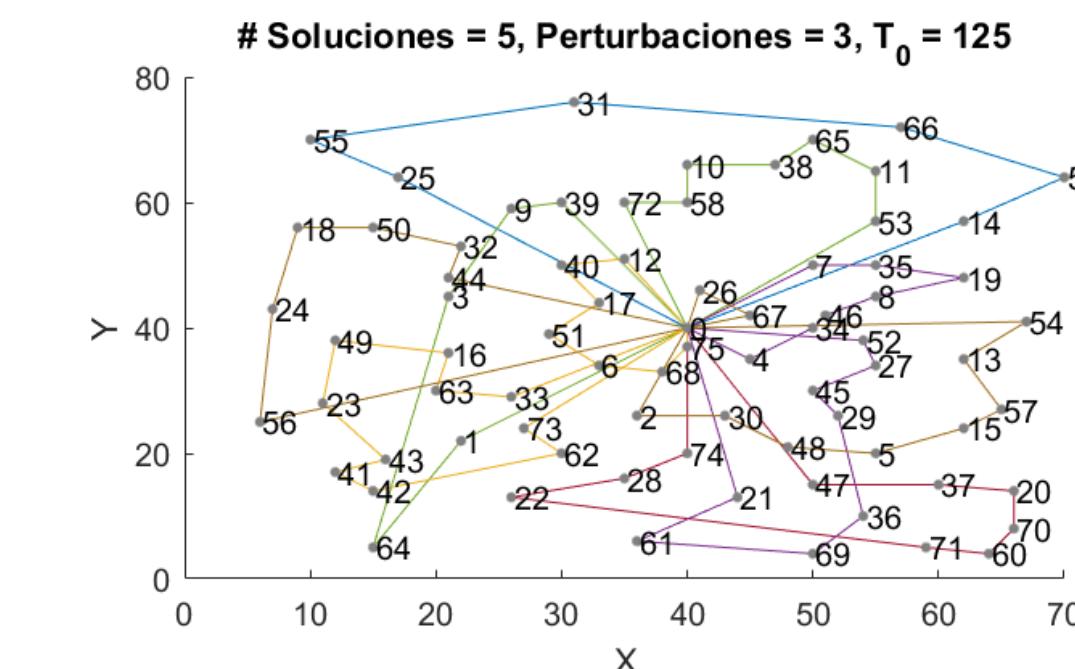
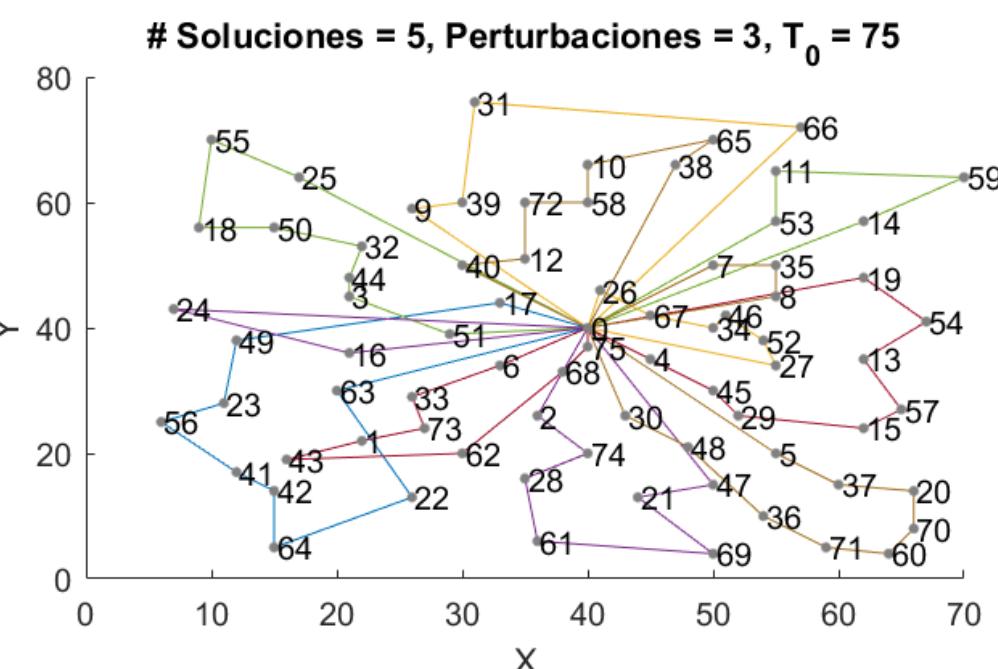
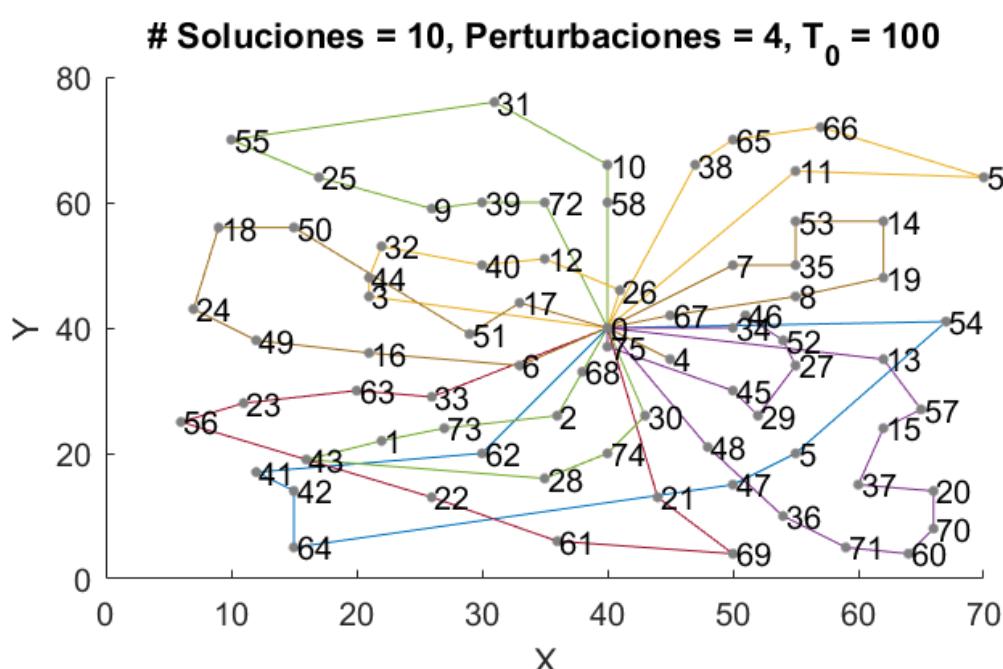
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Soluciones = 15, Perturbaciones = 7, $T_0 = 125$

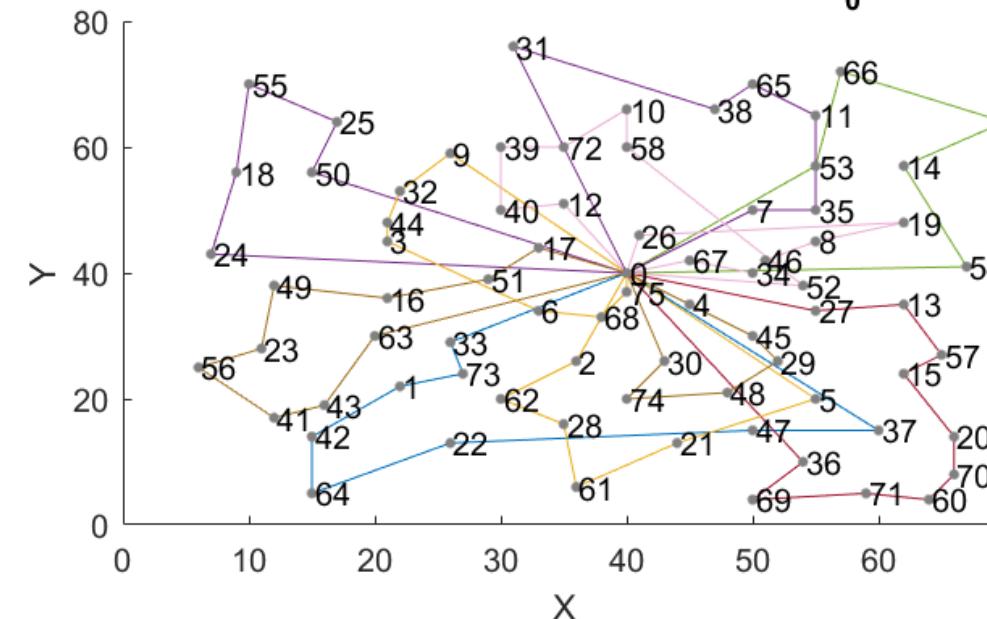


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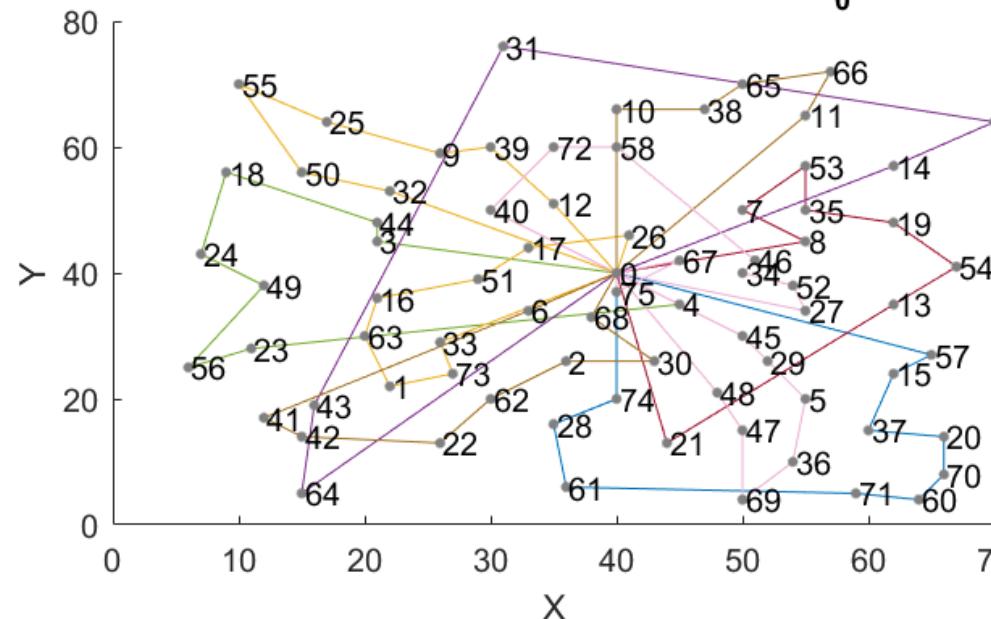


mtVRP4

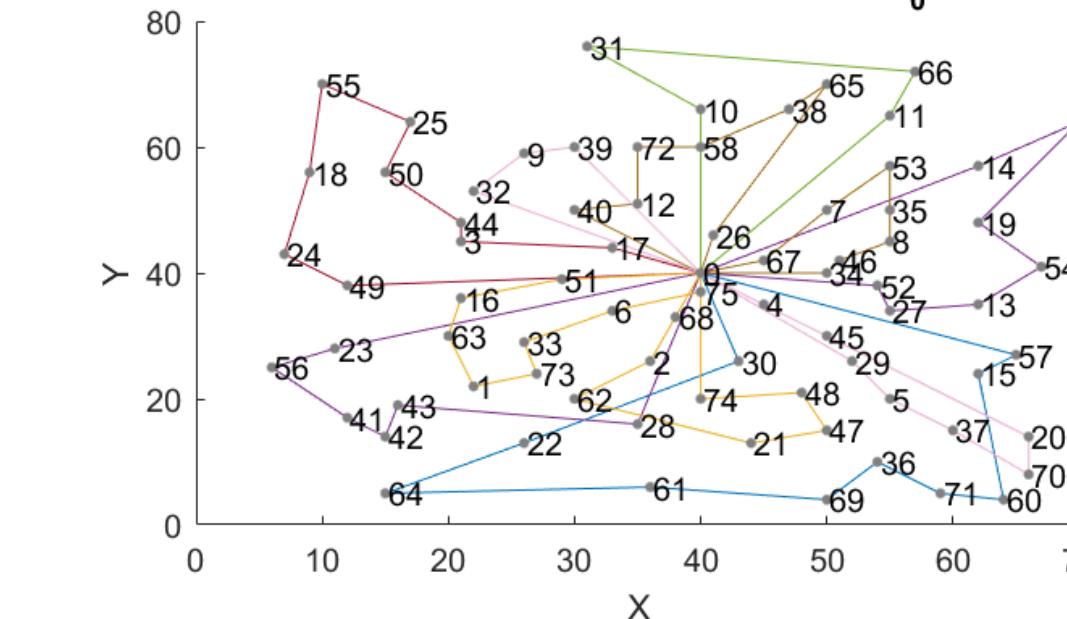
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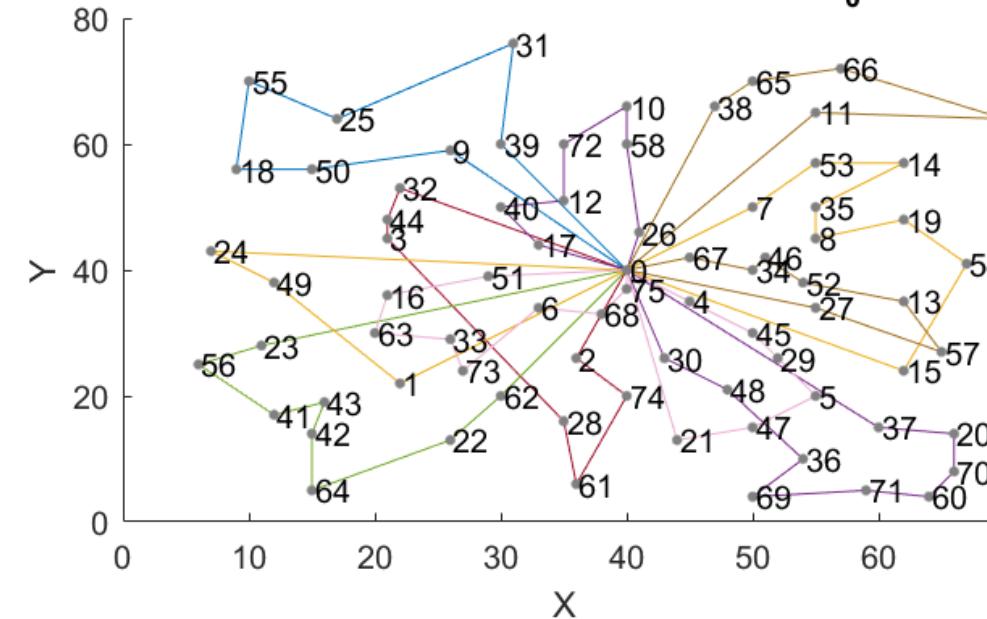
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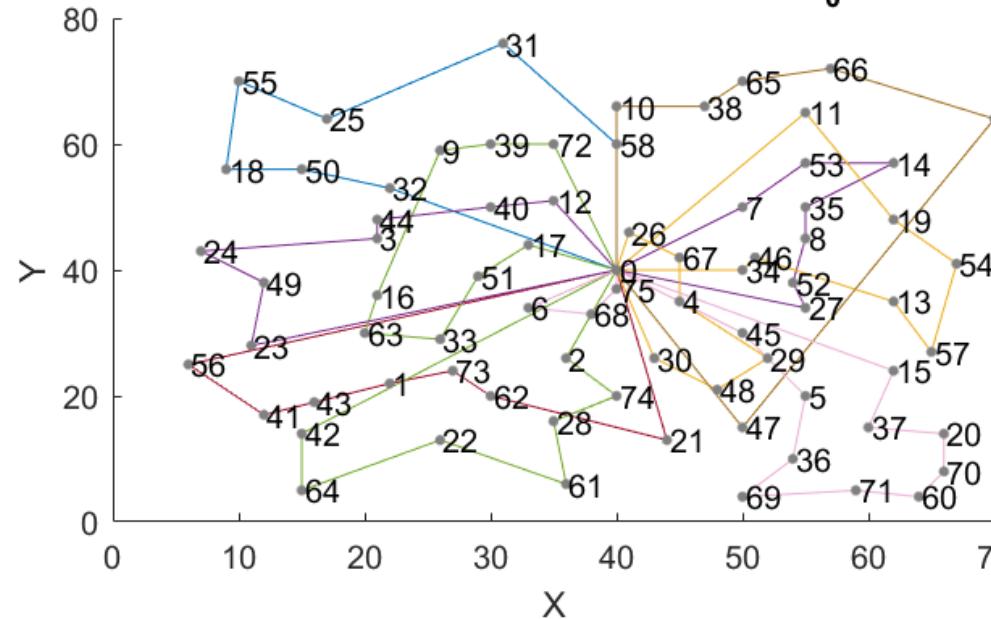
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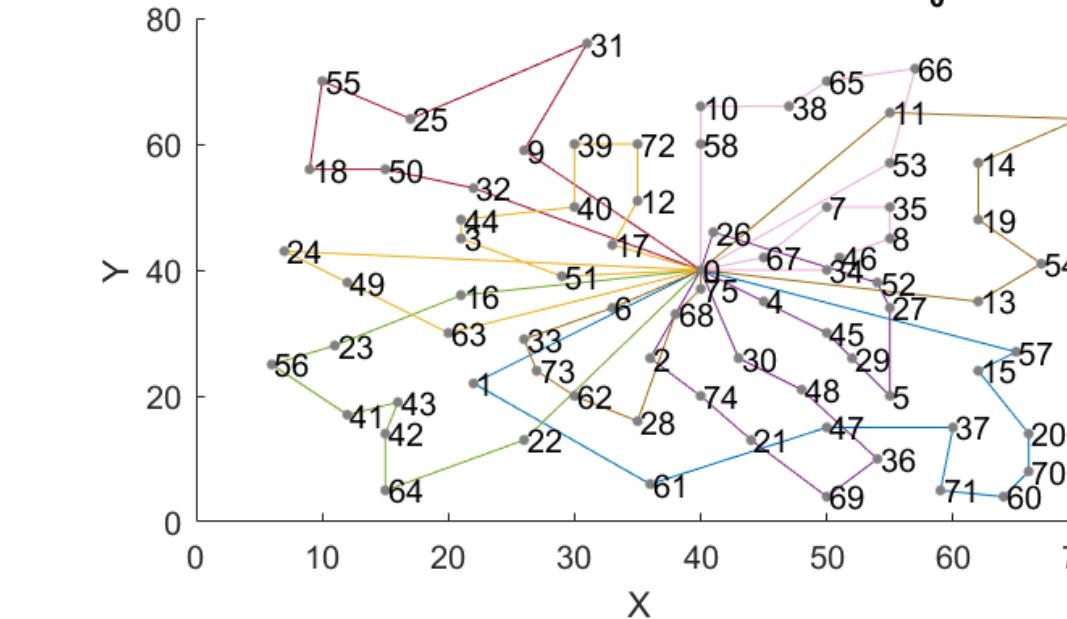
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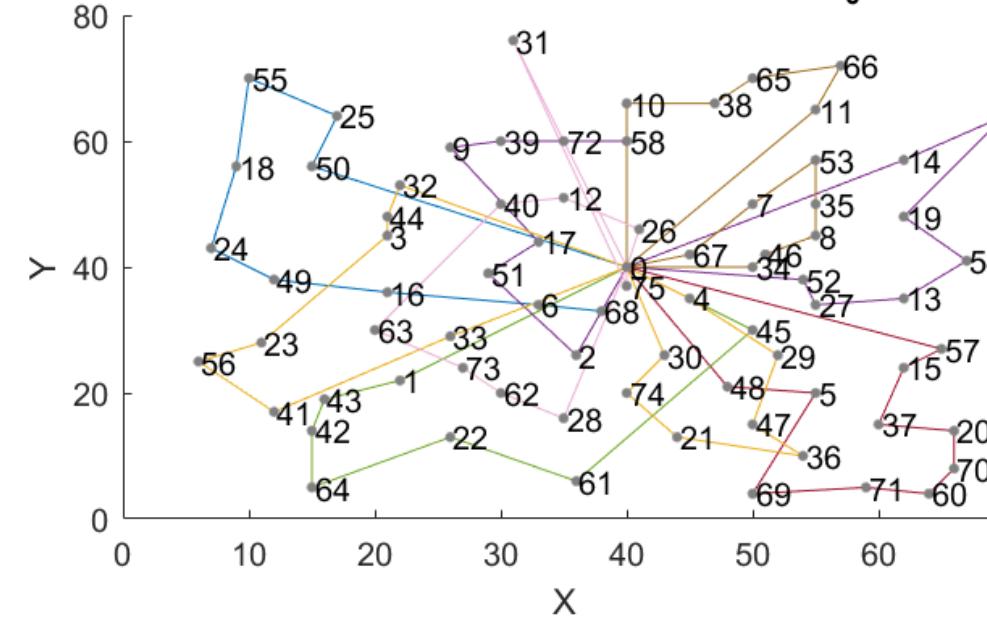
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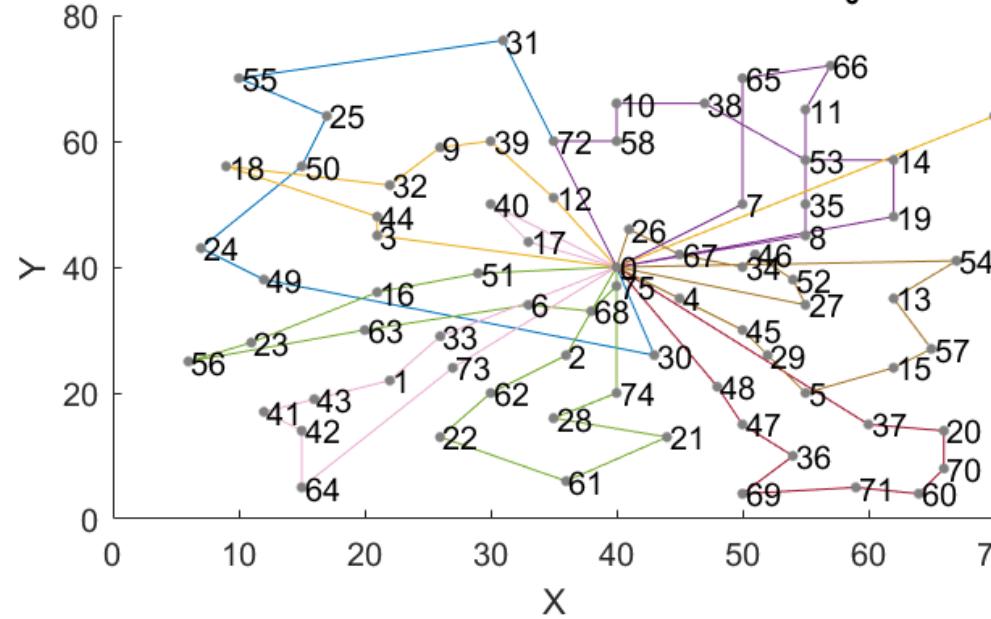
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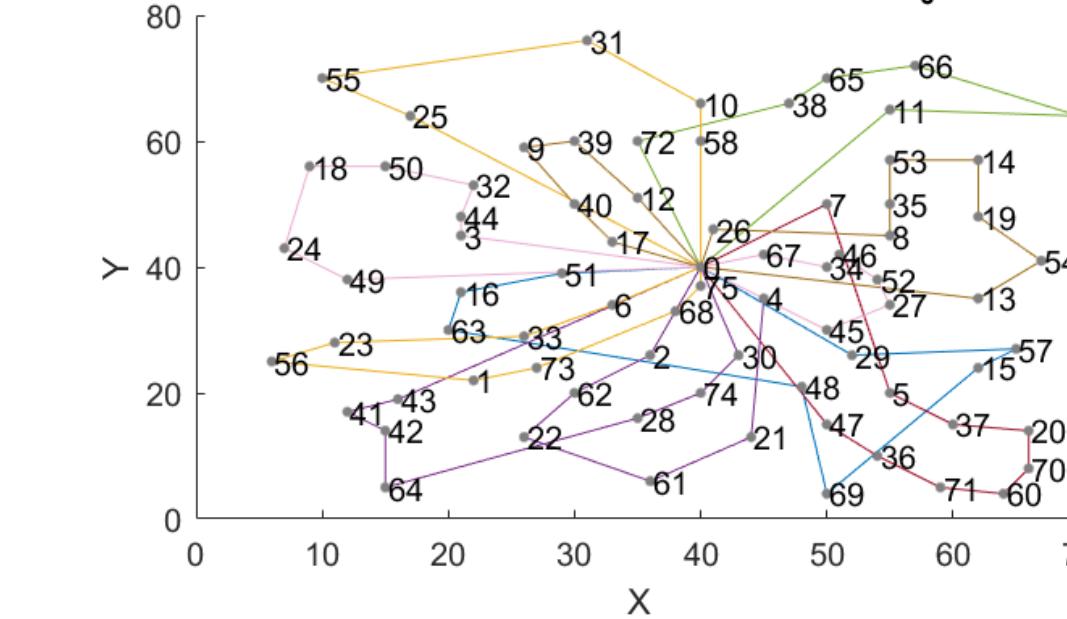
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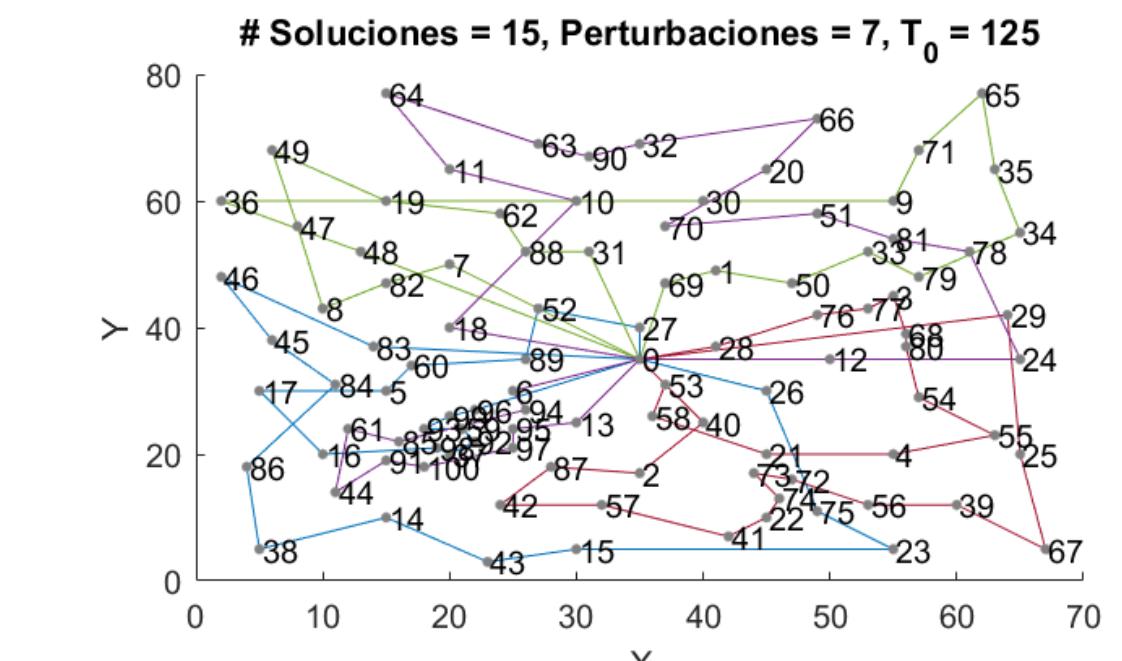
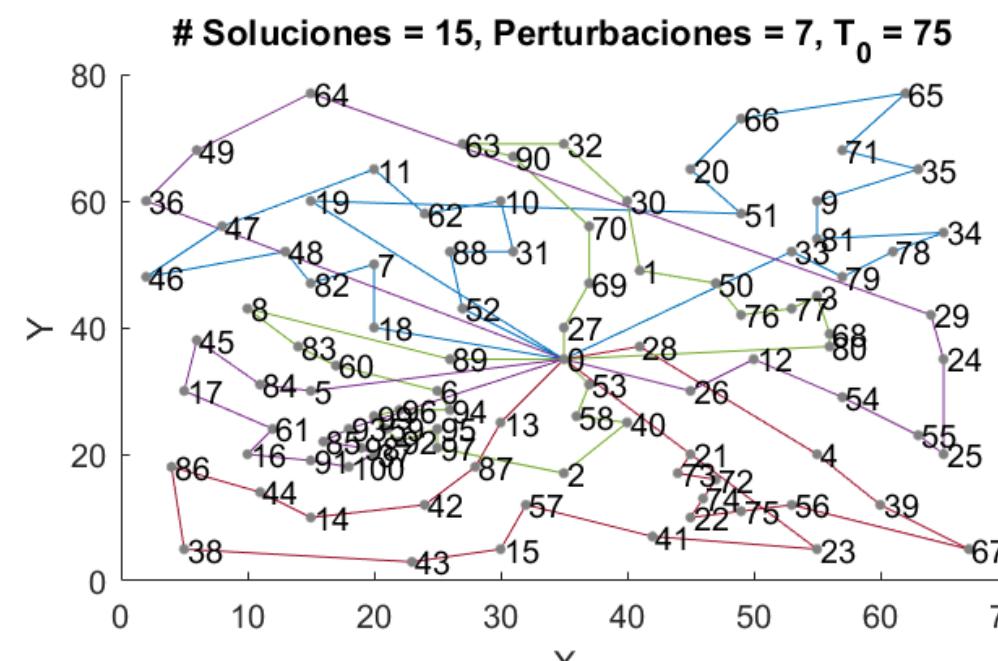
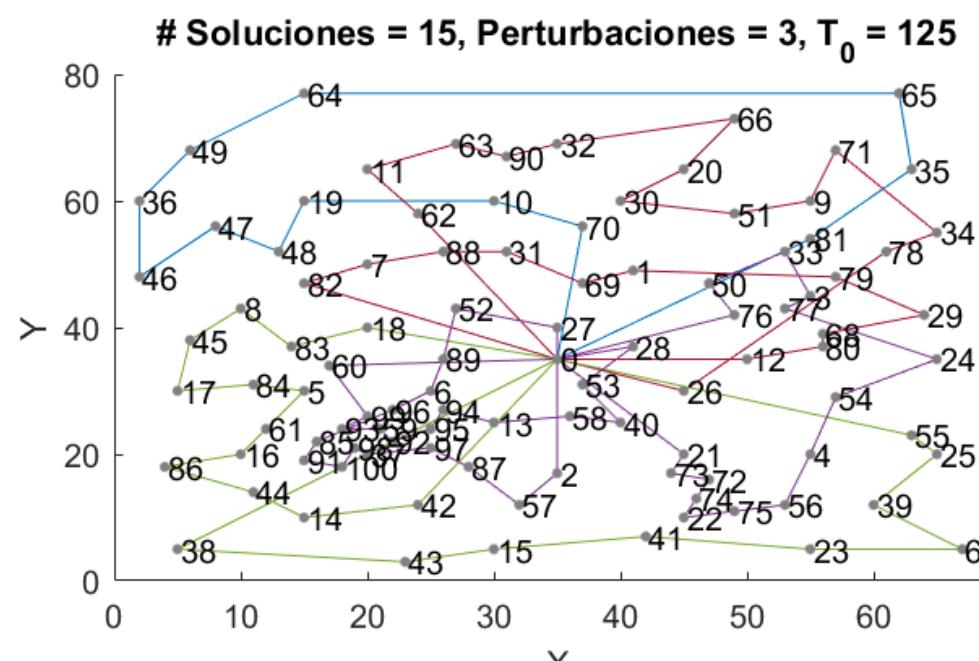
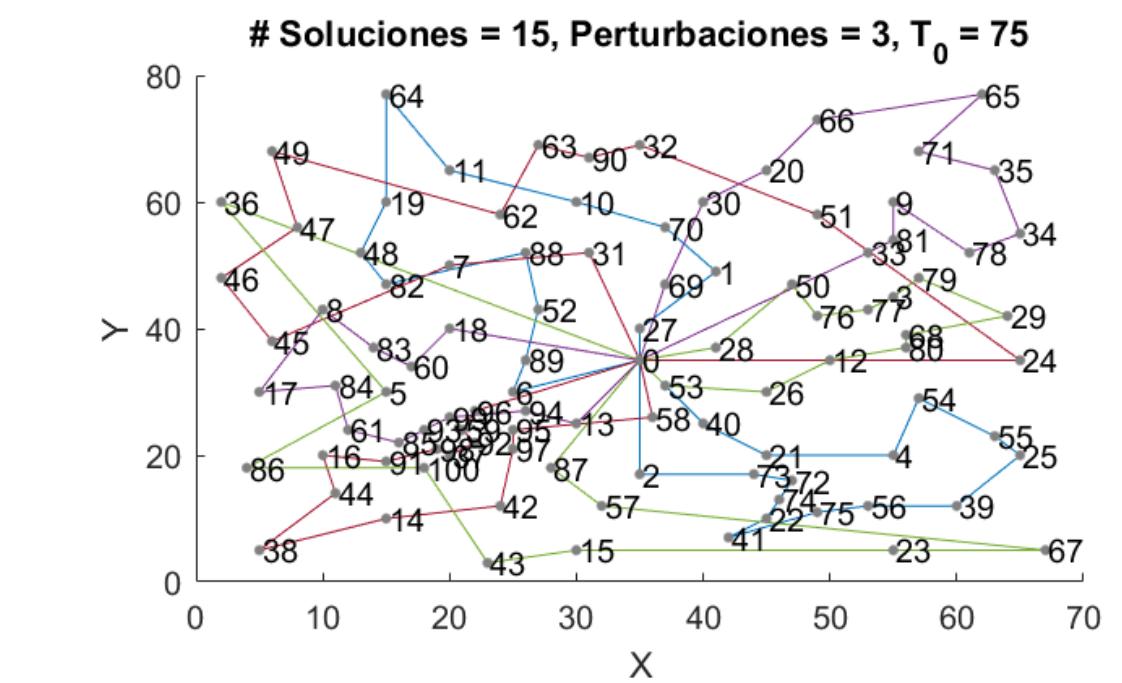
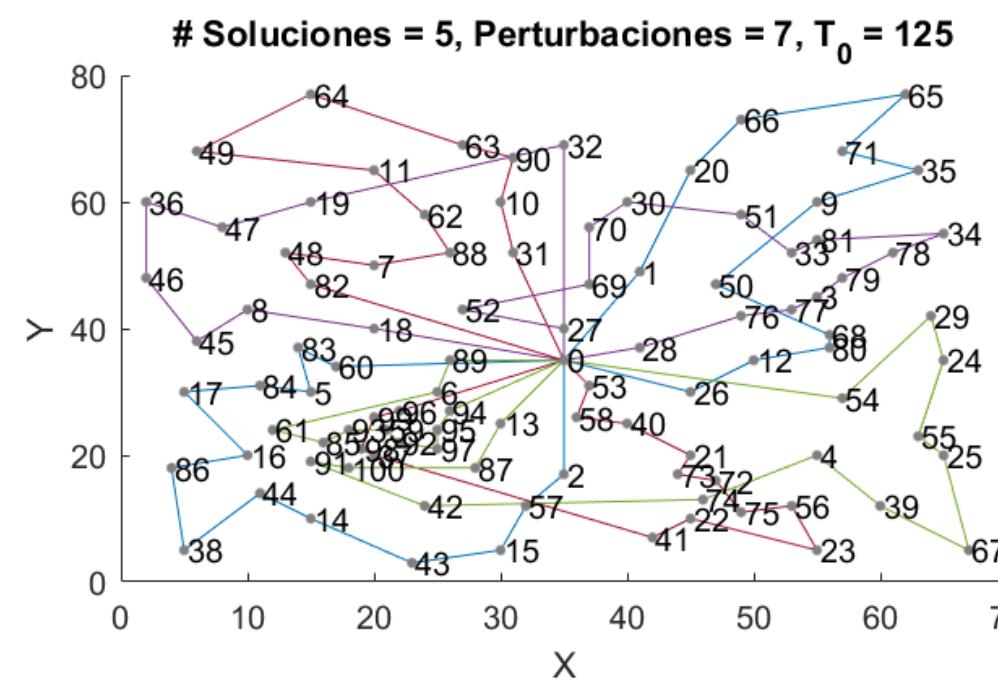
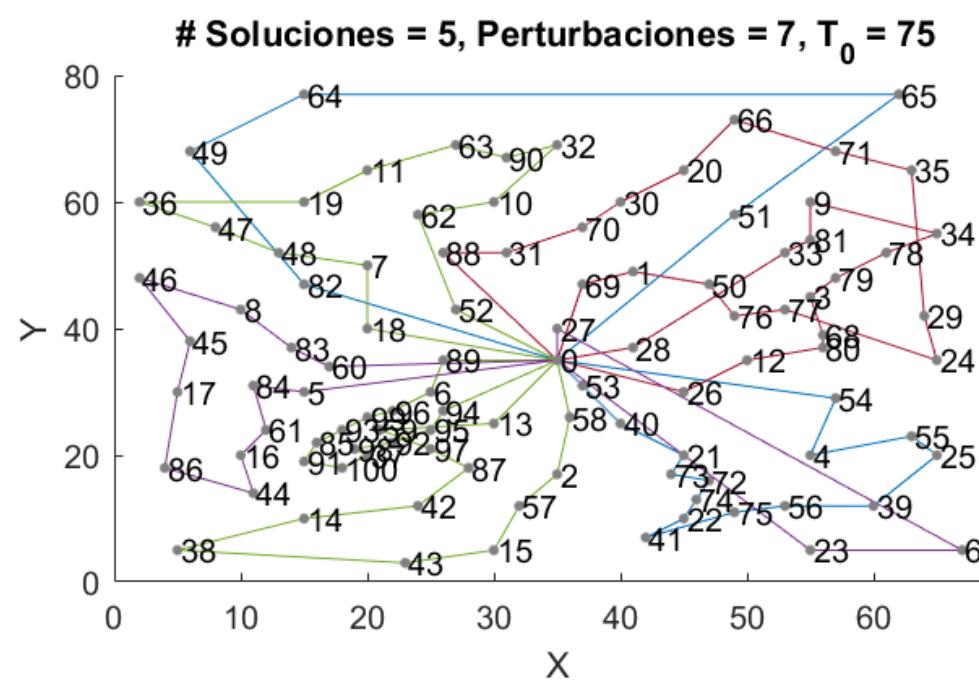
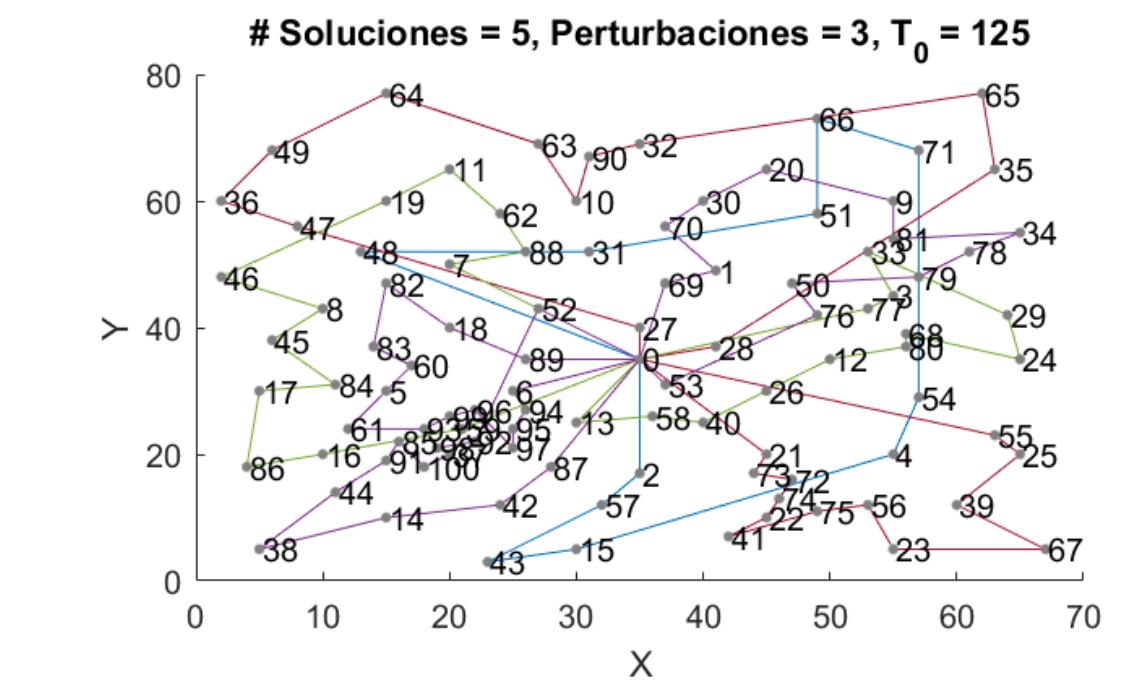
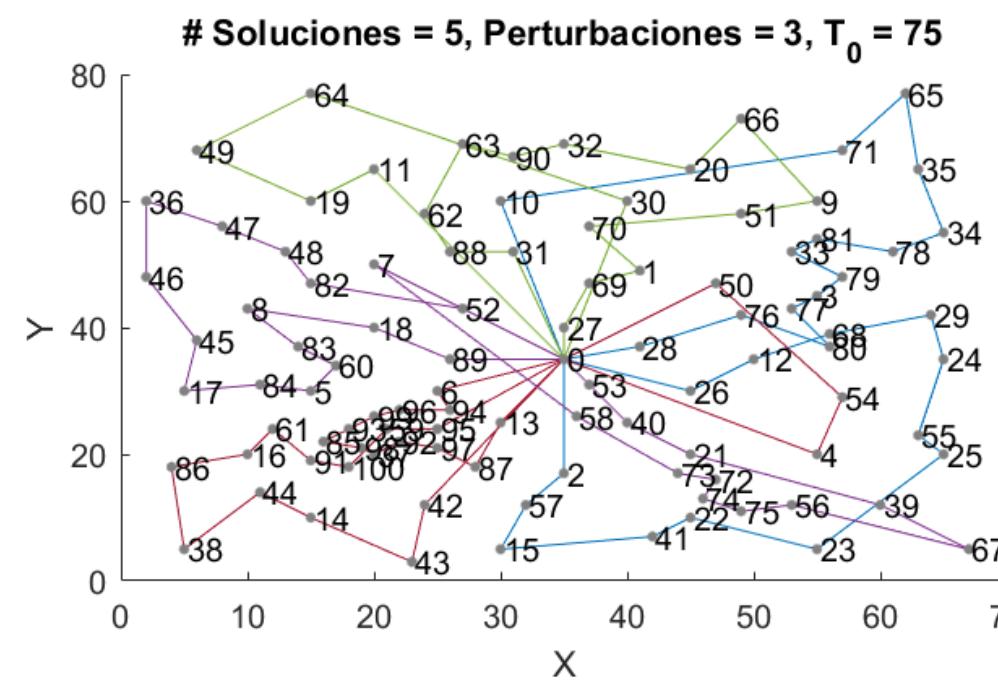
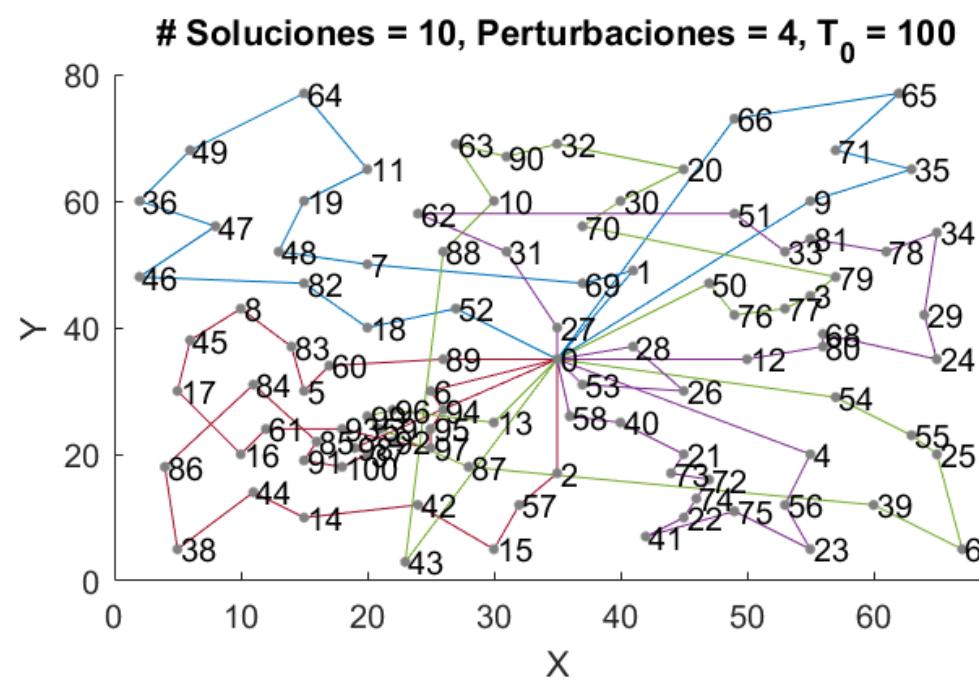
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Soluciones = 15, Perturbaciones = 7, $T_0 = 125$

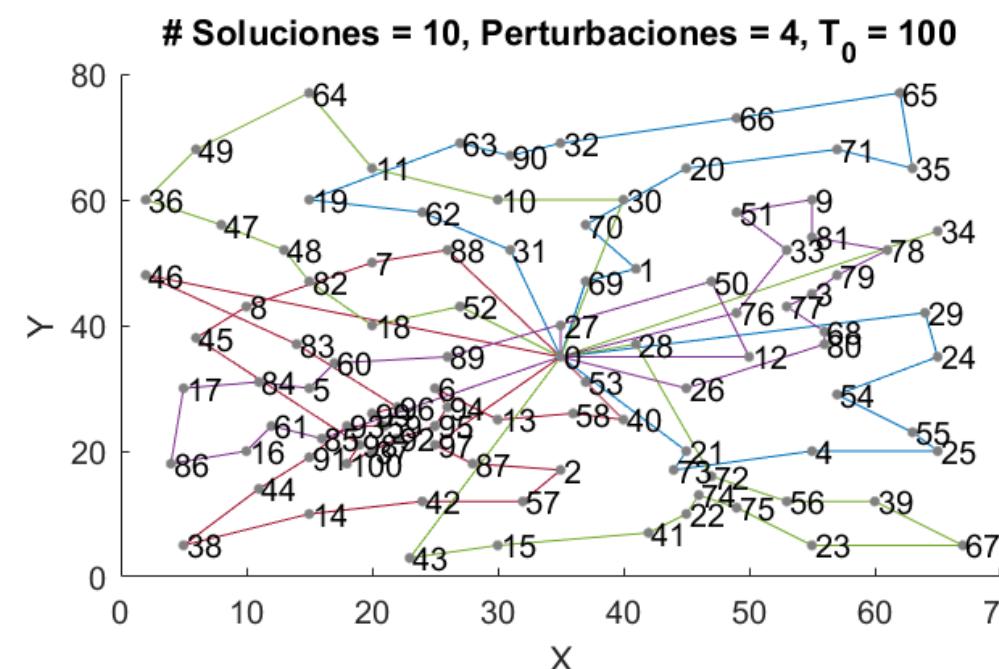


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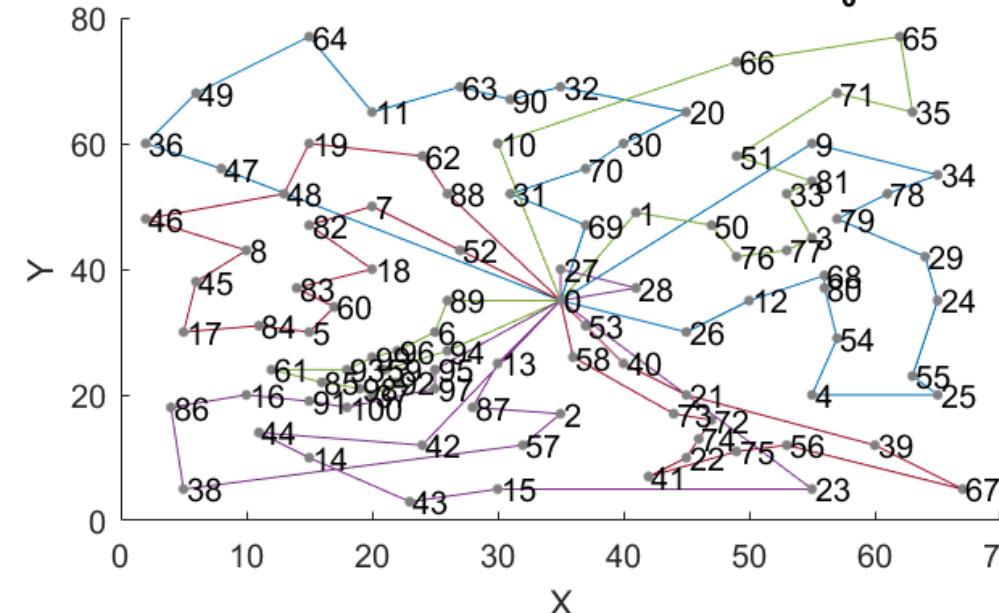




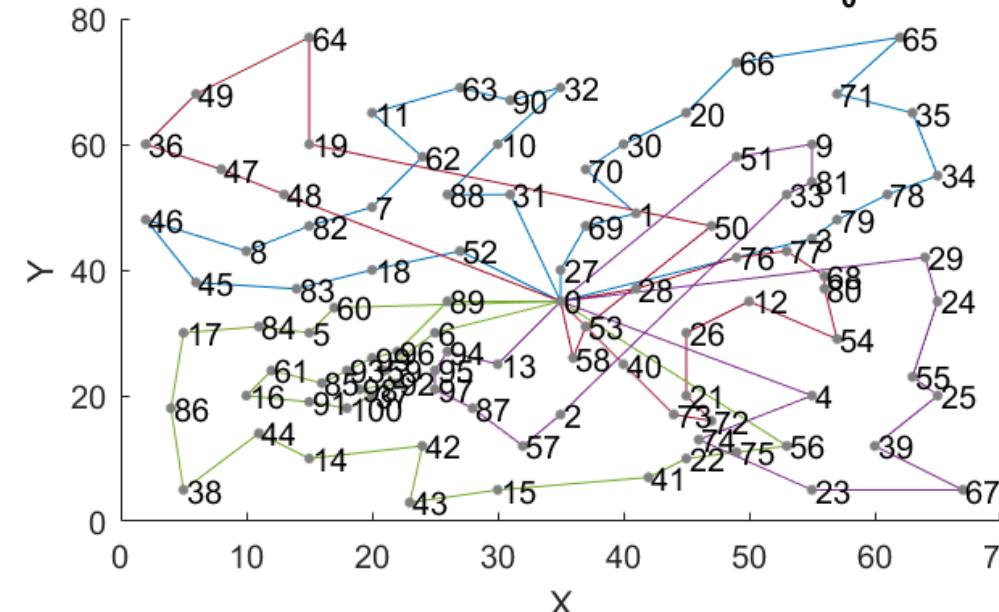
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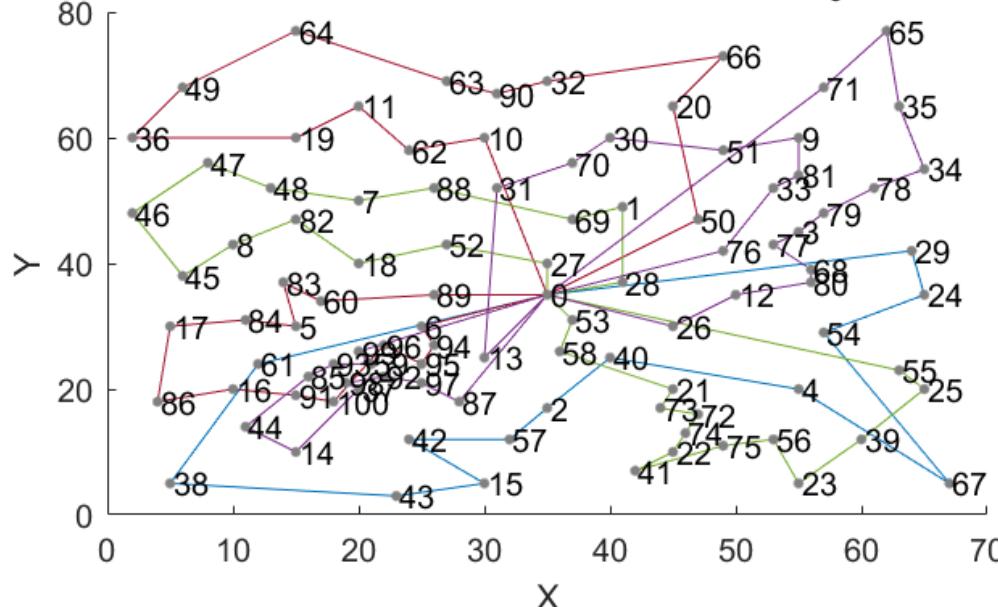
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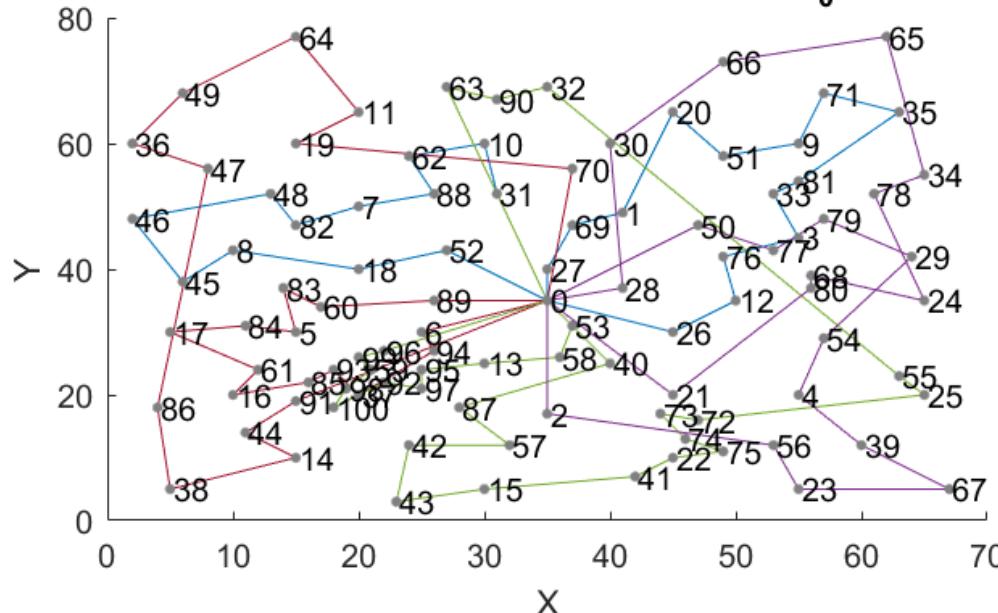
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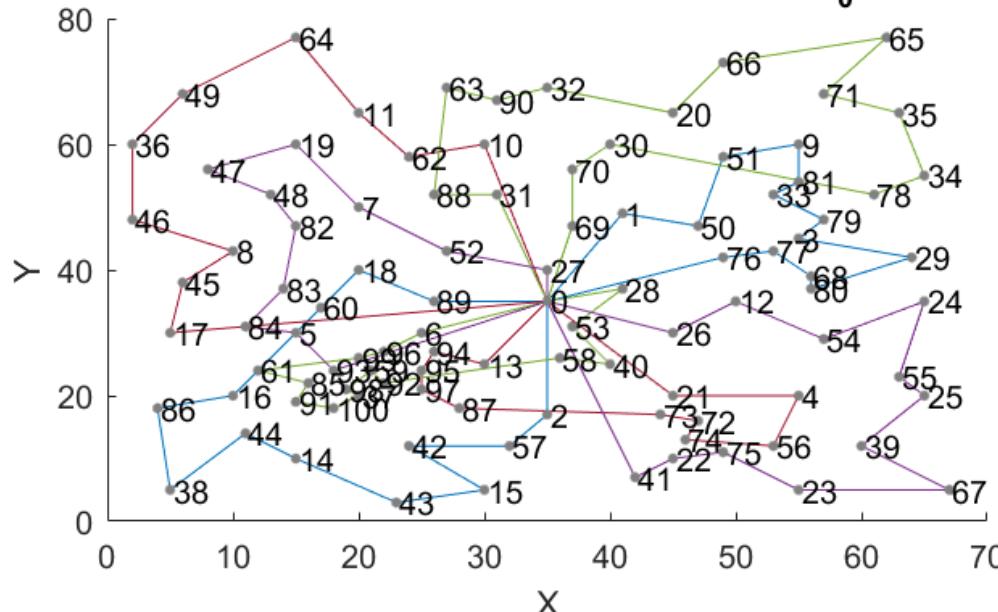
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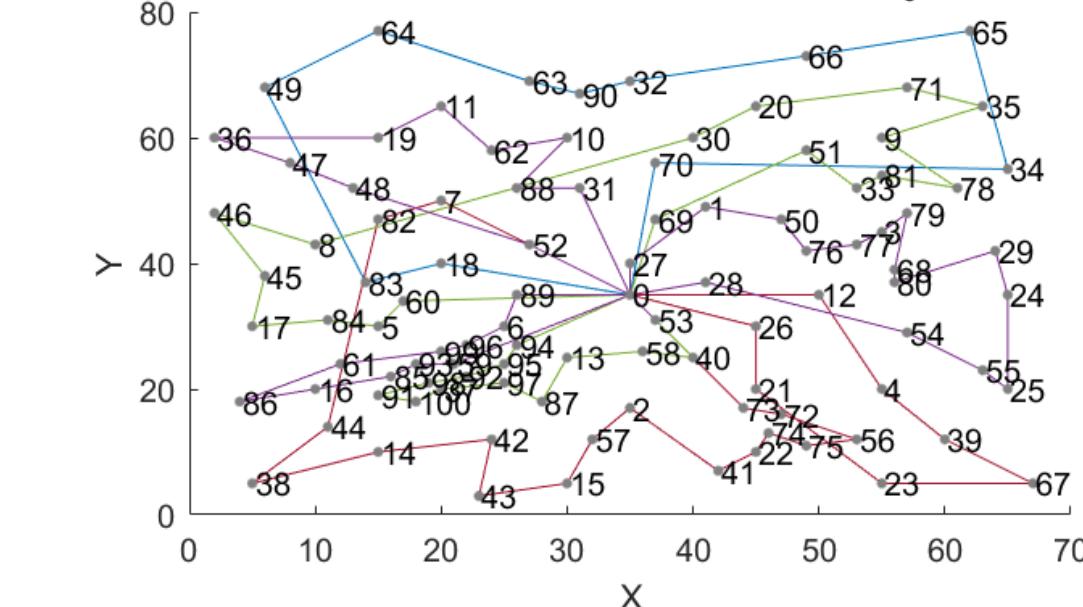
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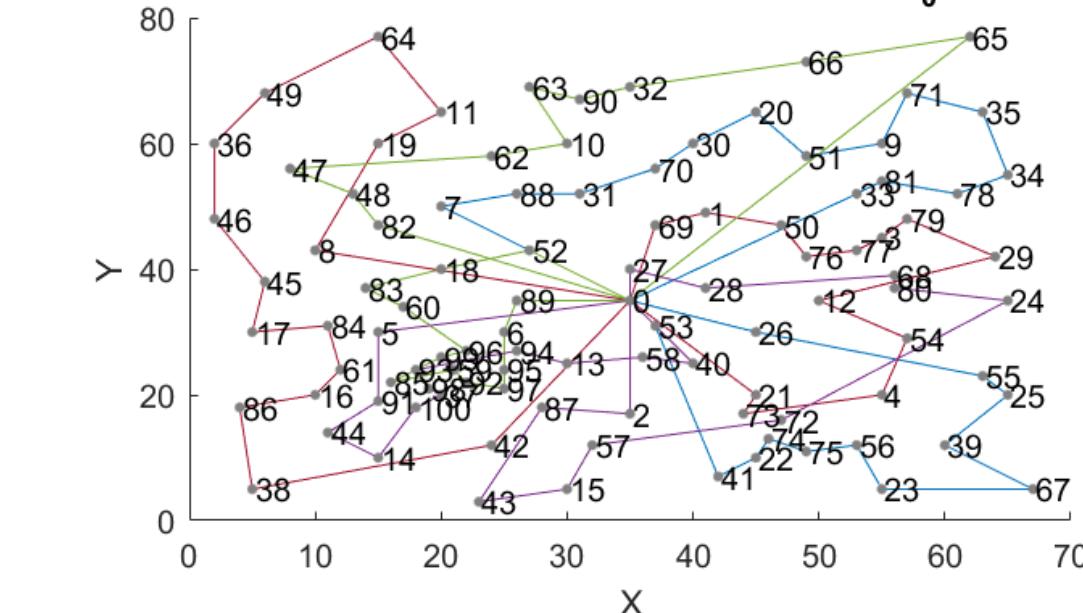
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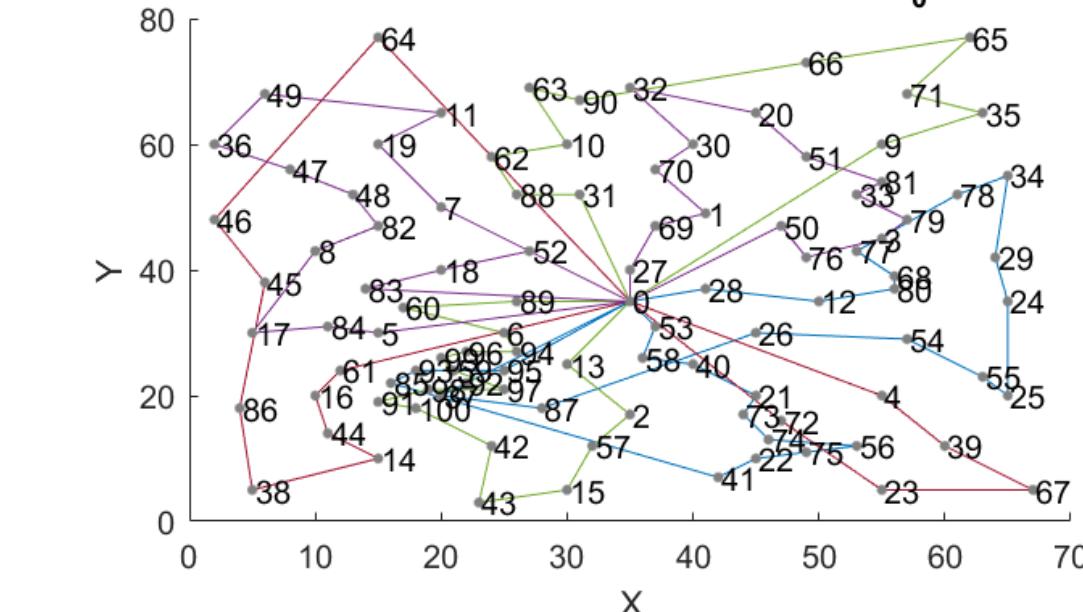
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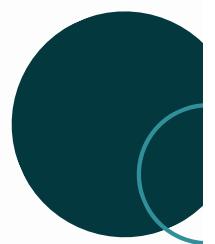
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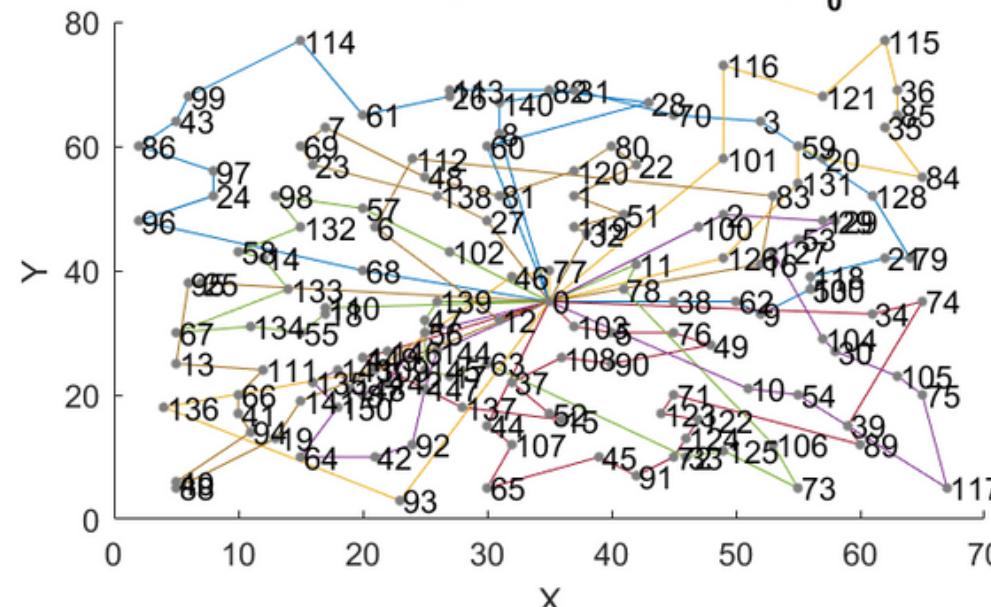
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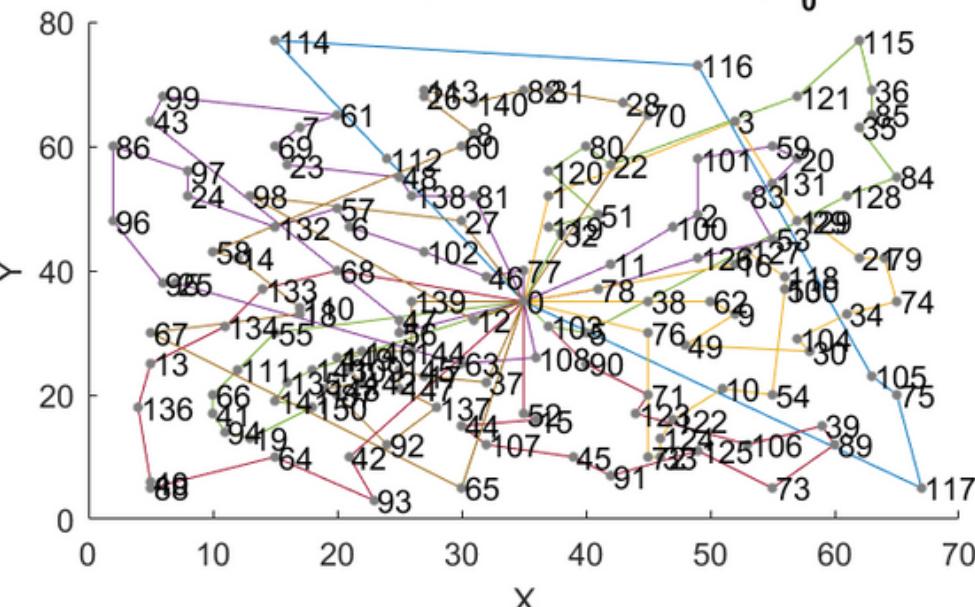
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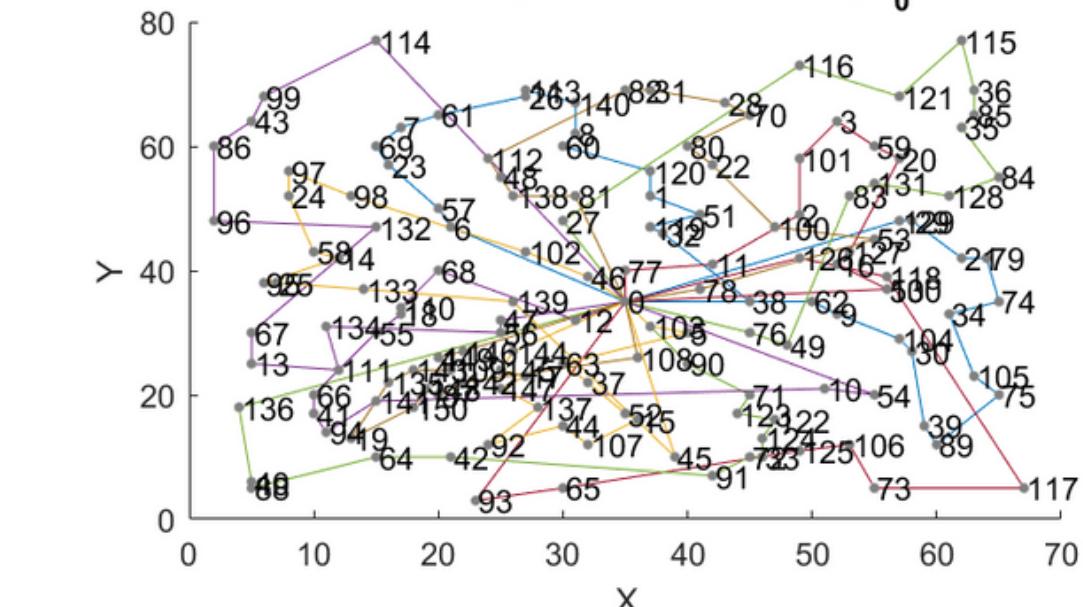
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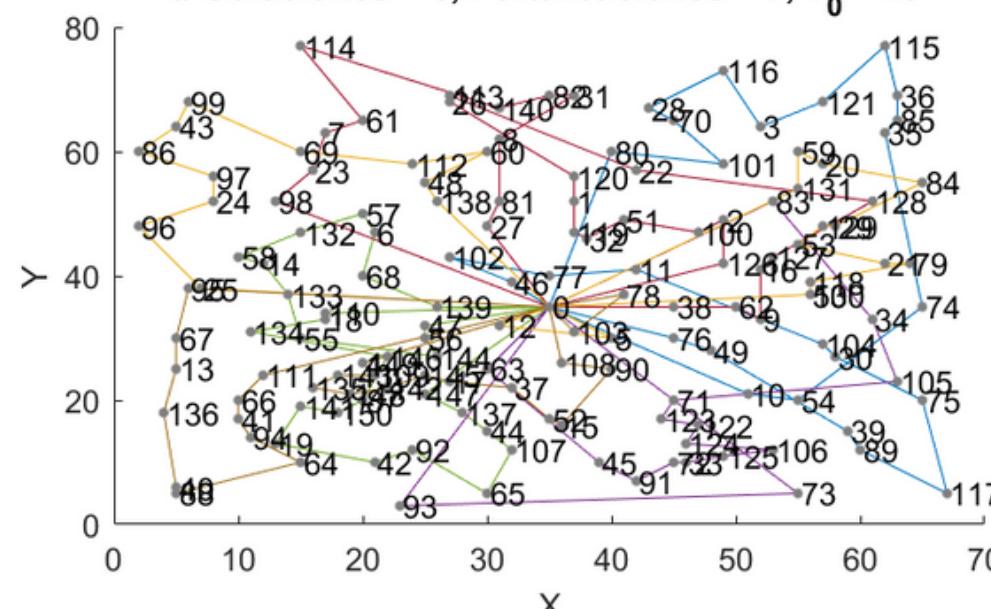
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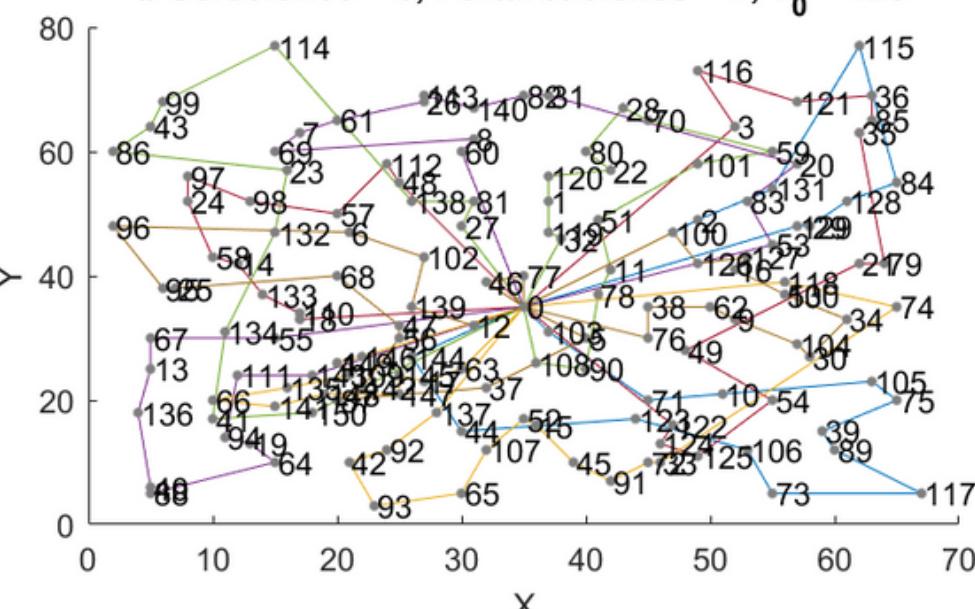
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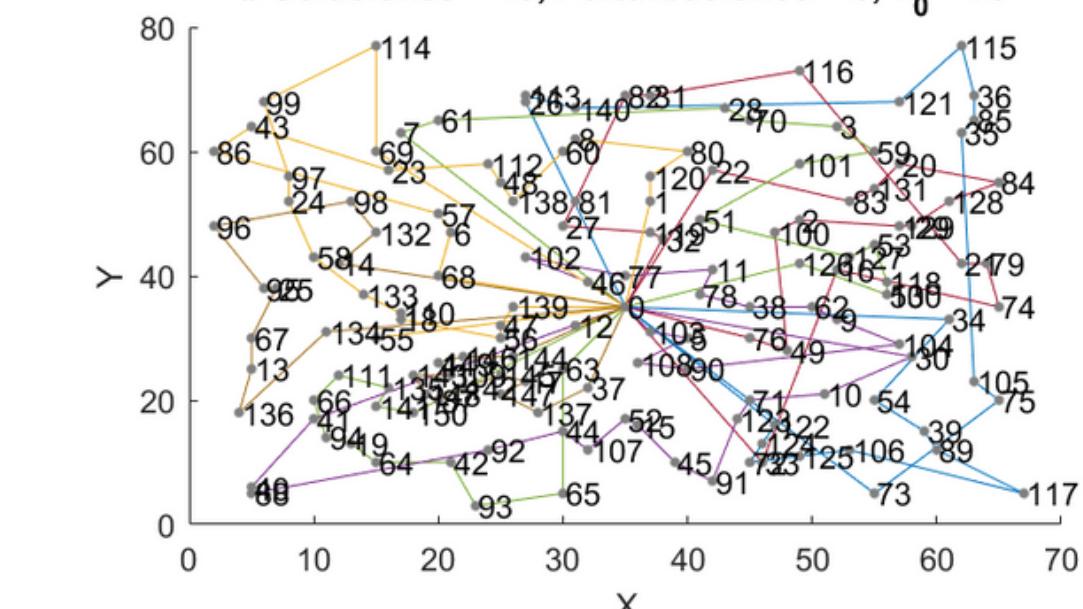
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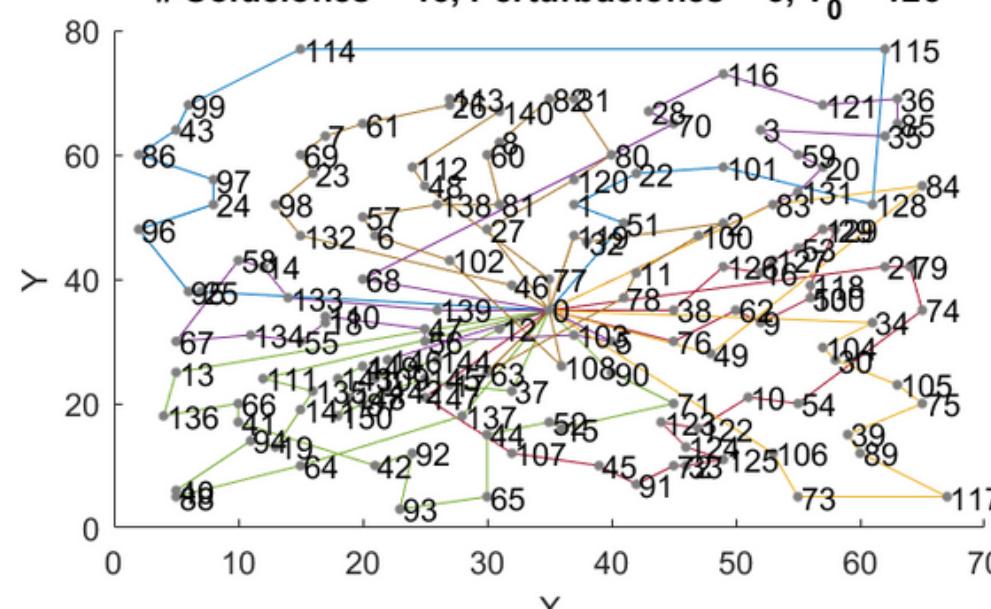
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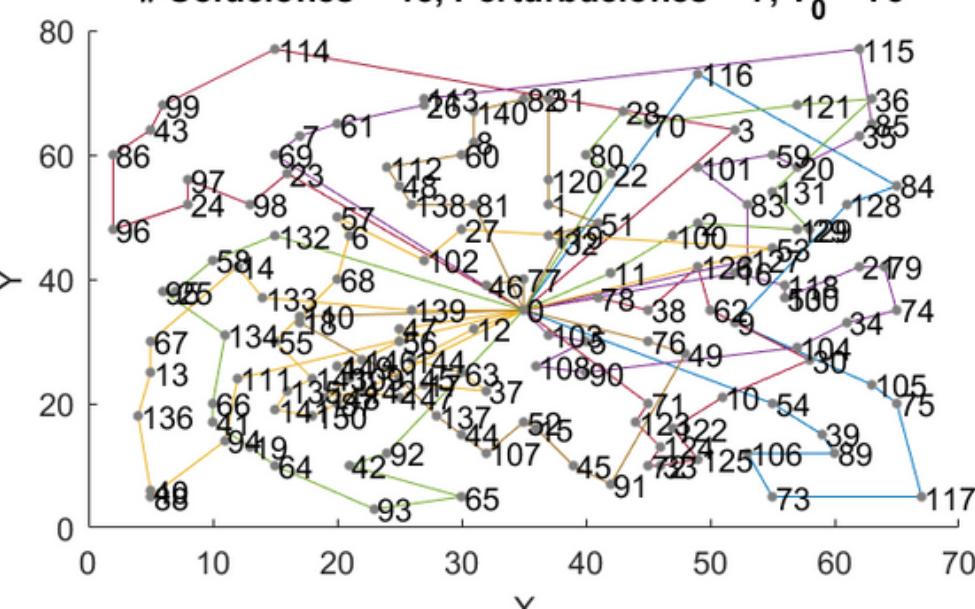
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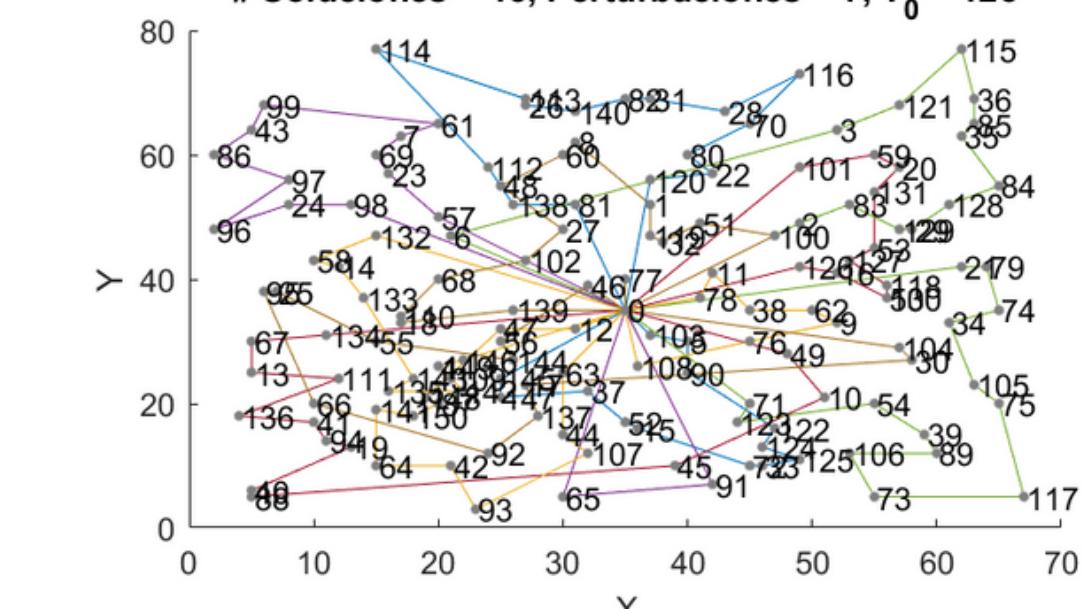
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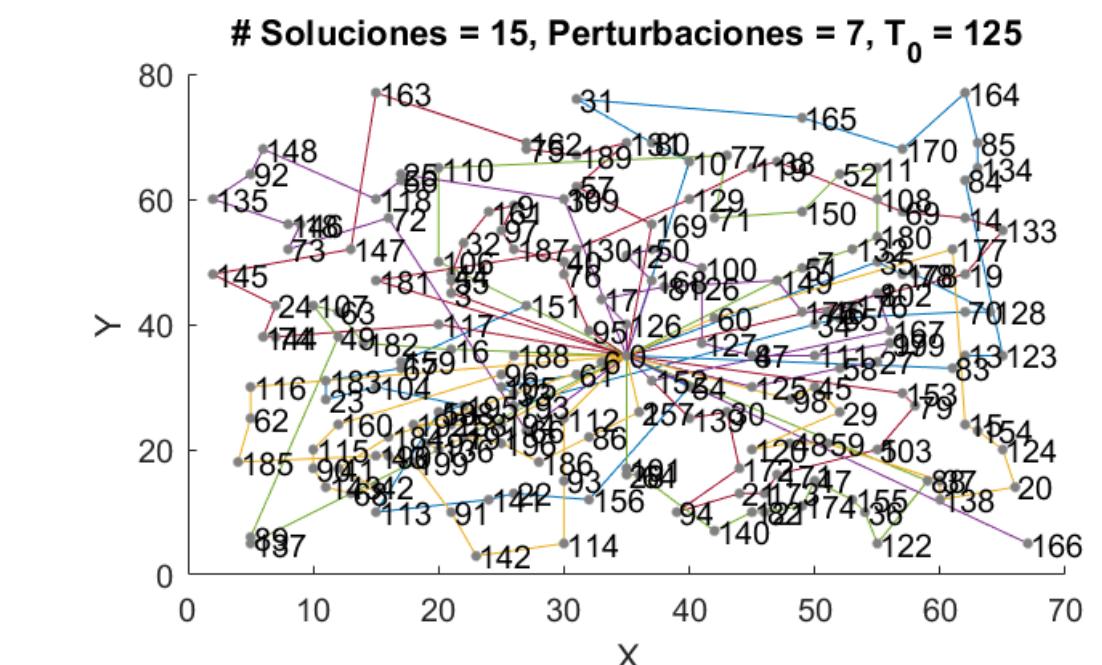
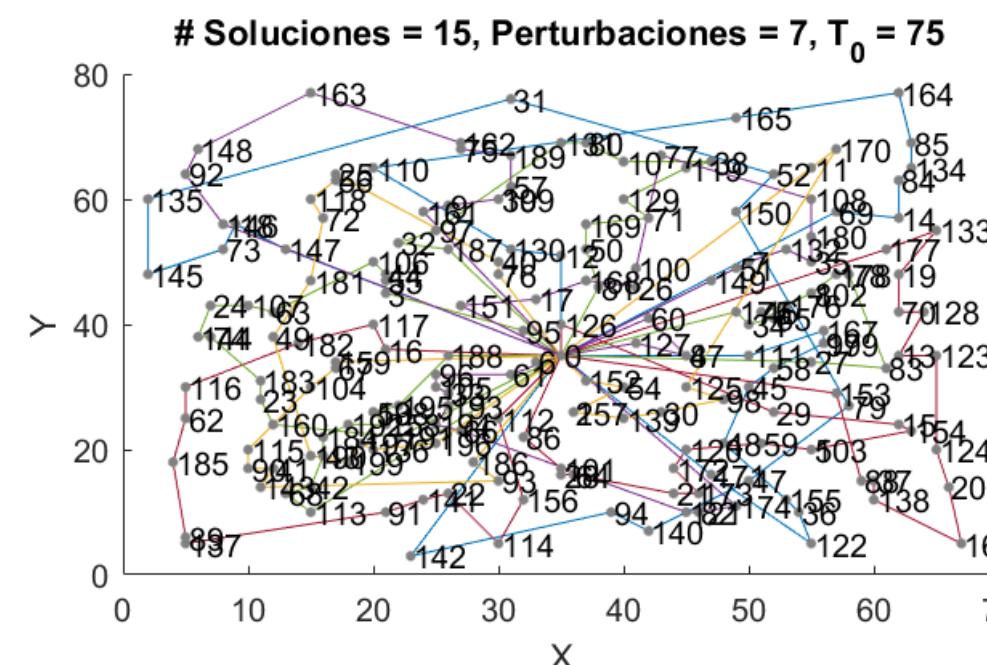
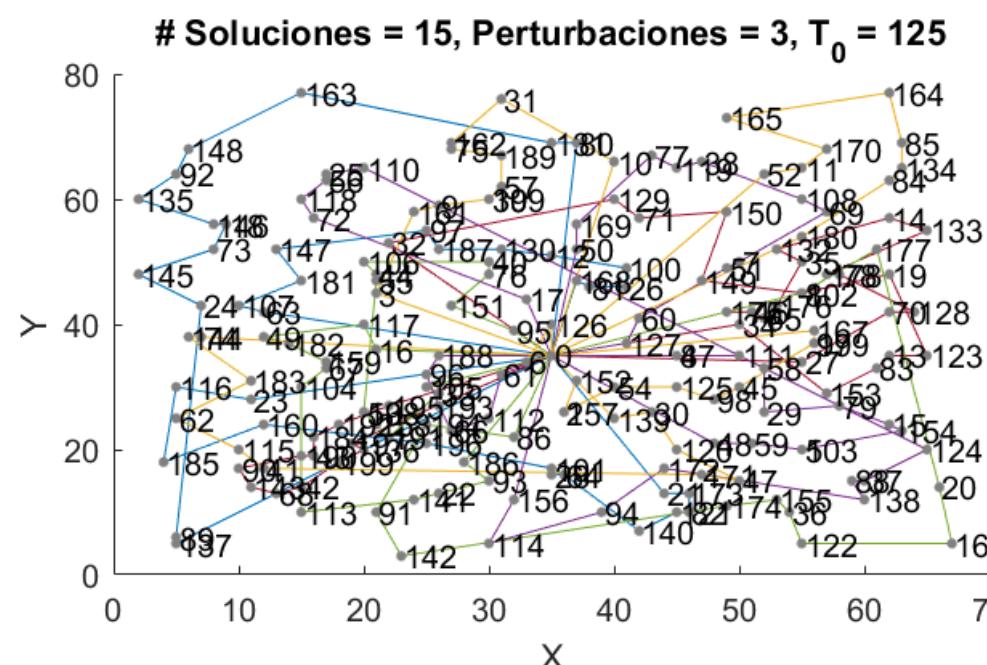
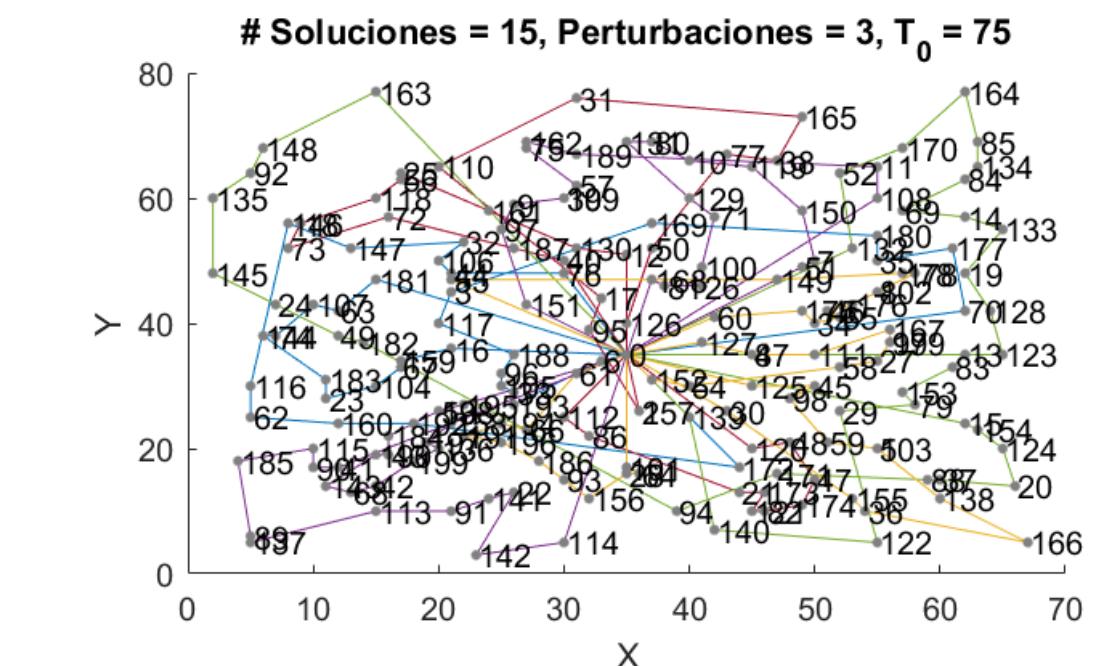
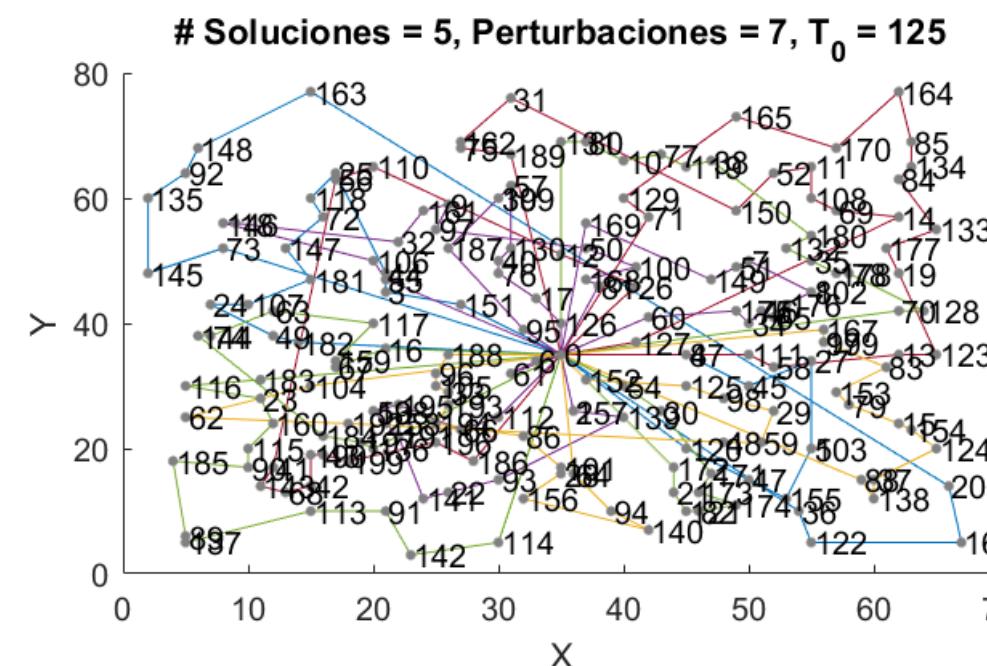
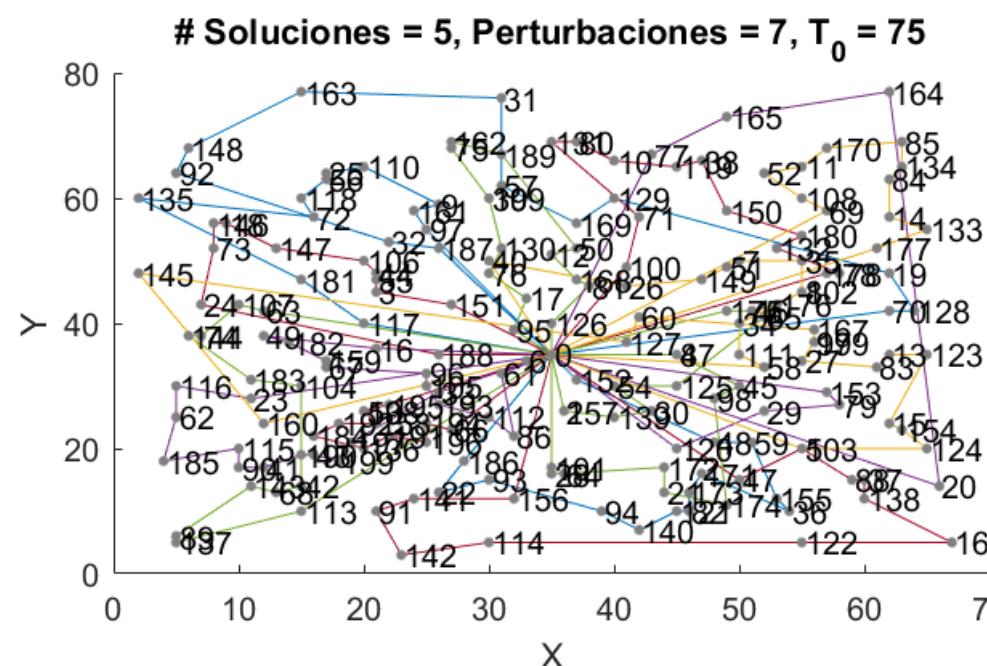
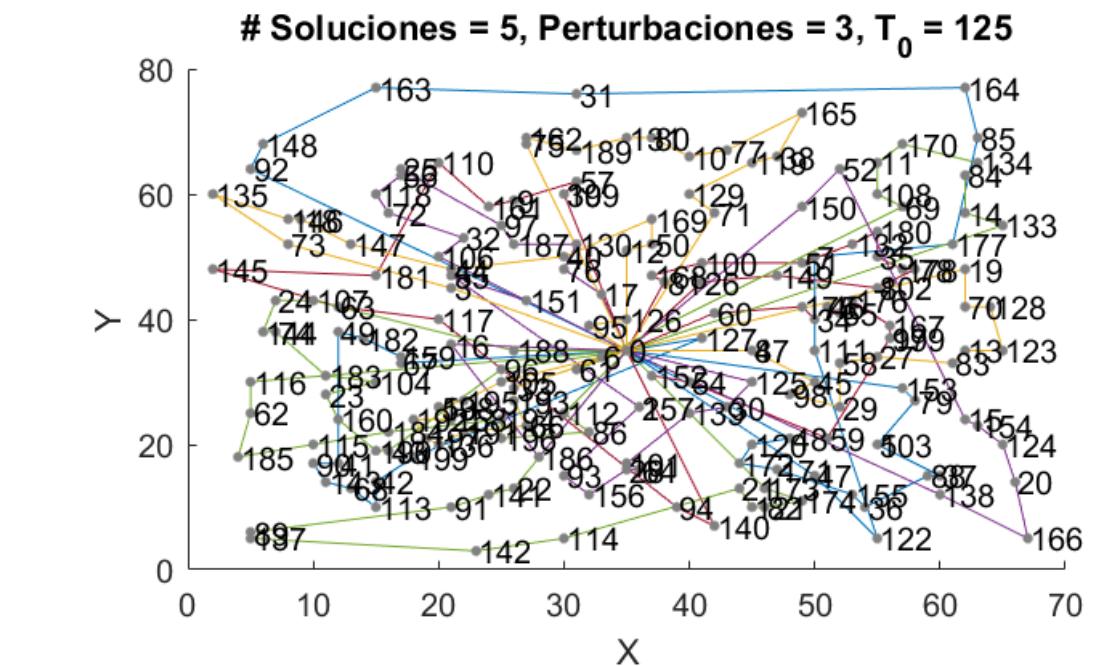
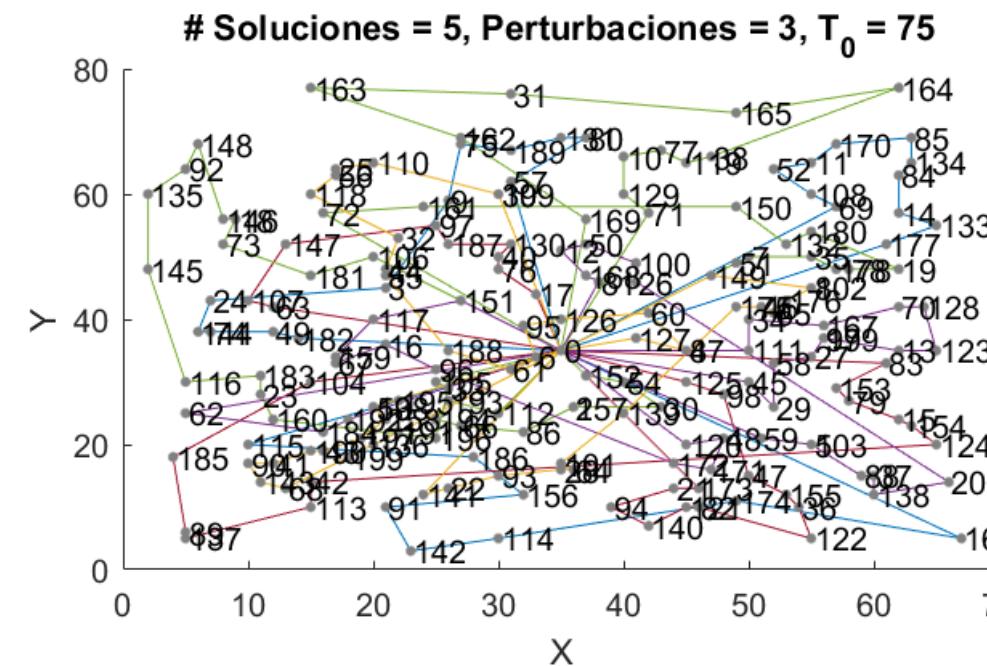
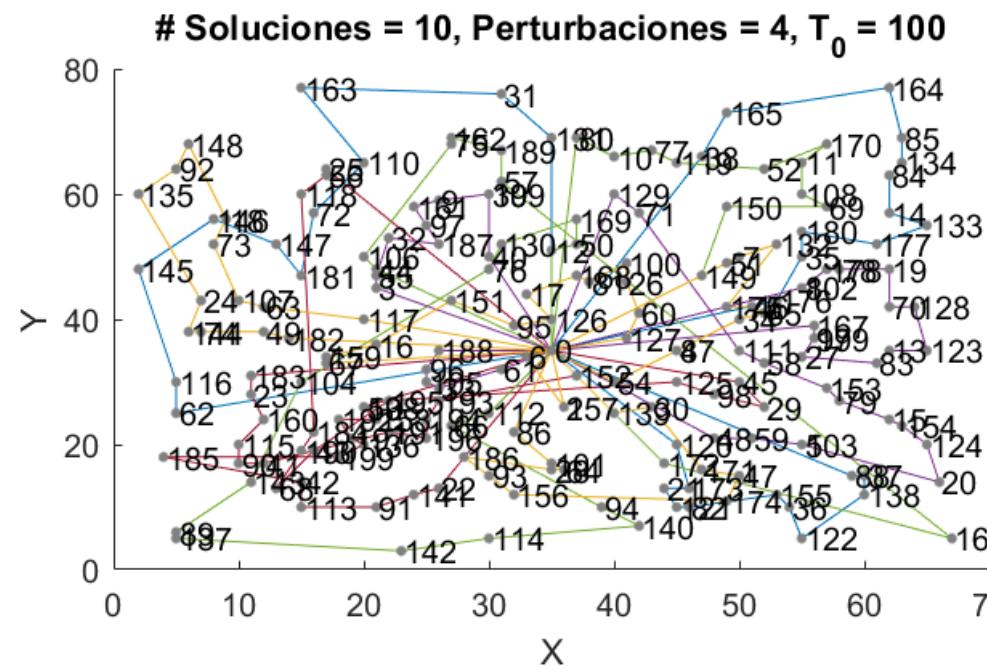


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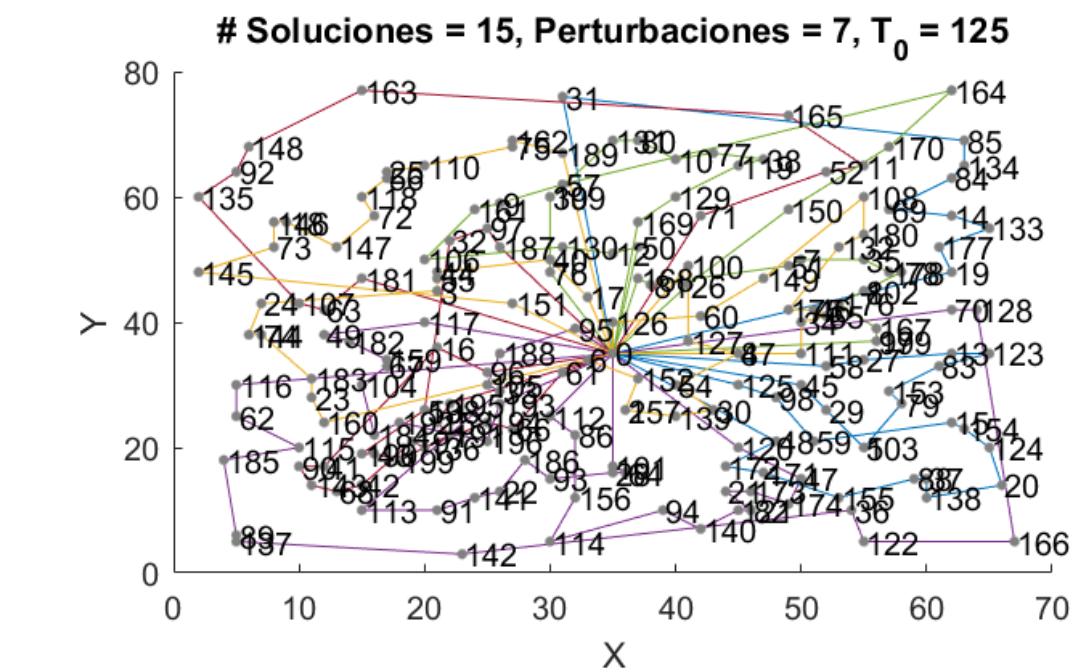
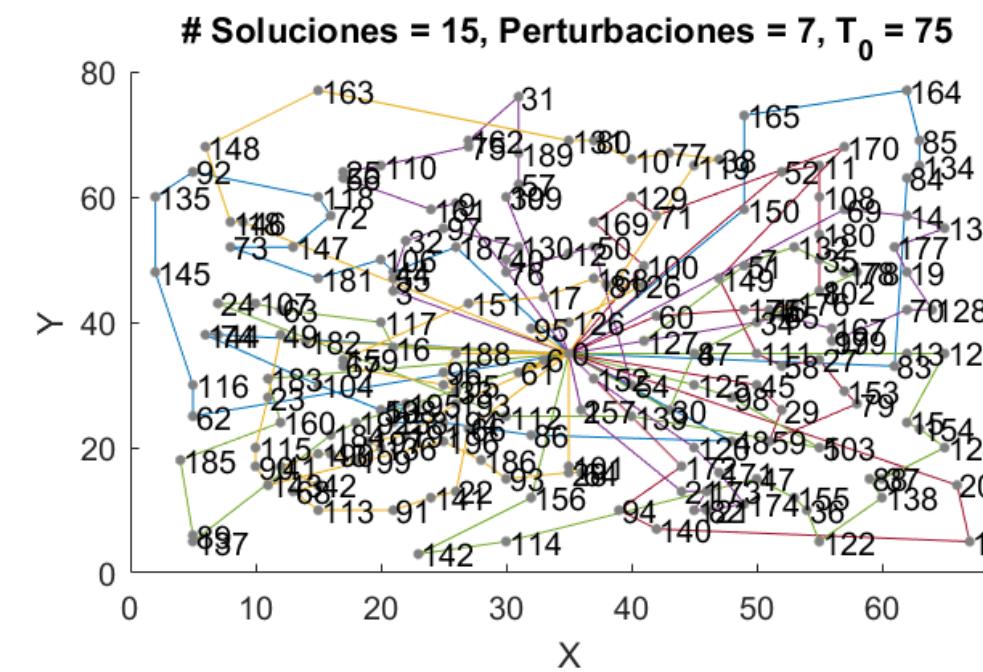
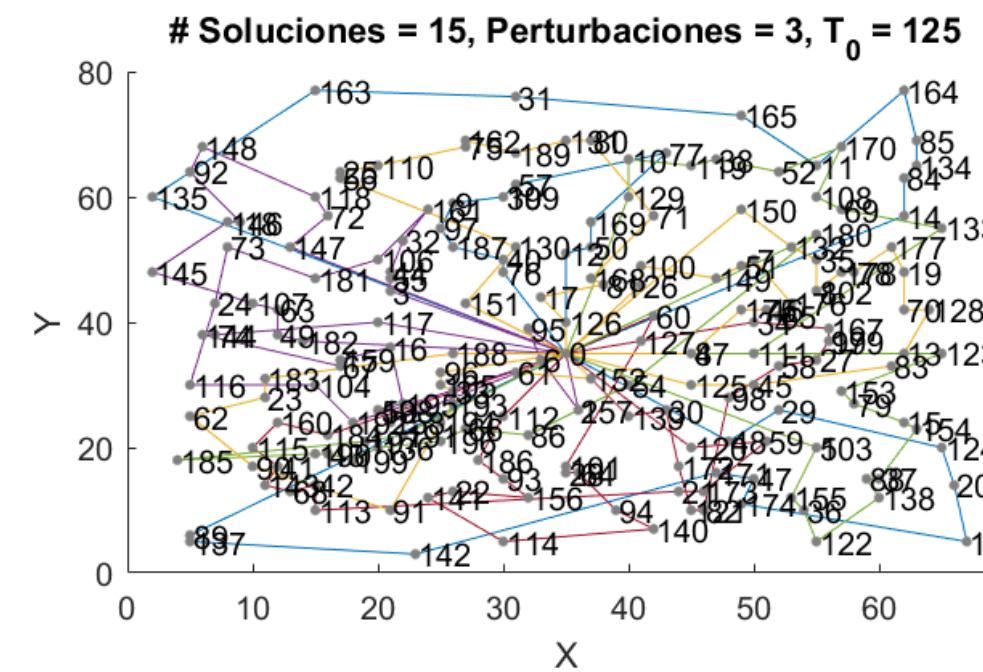
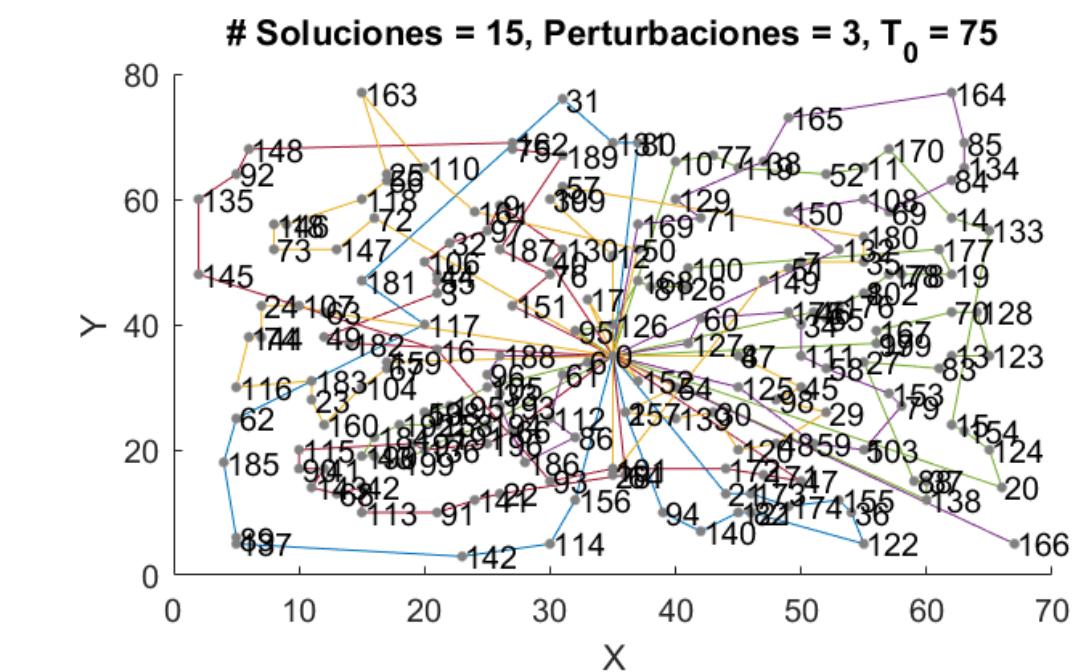
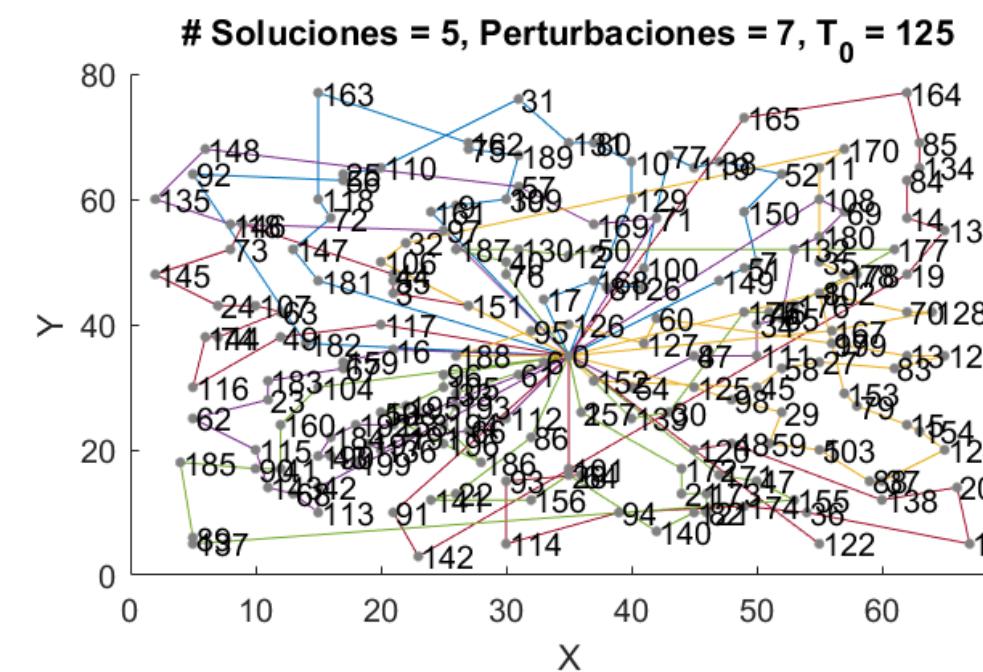
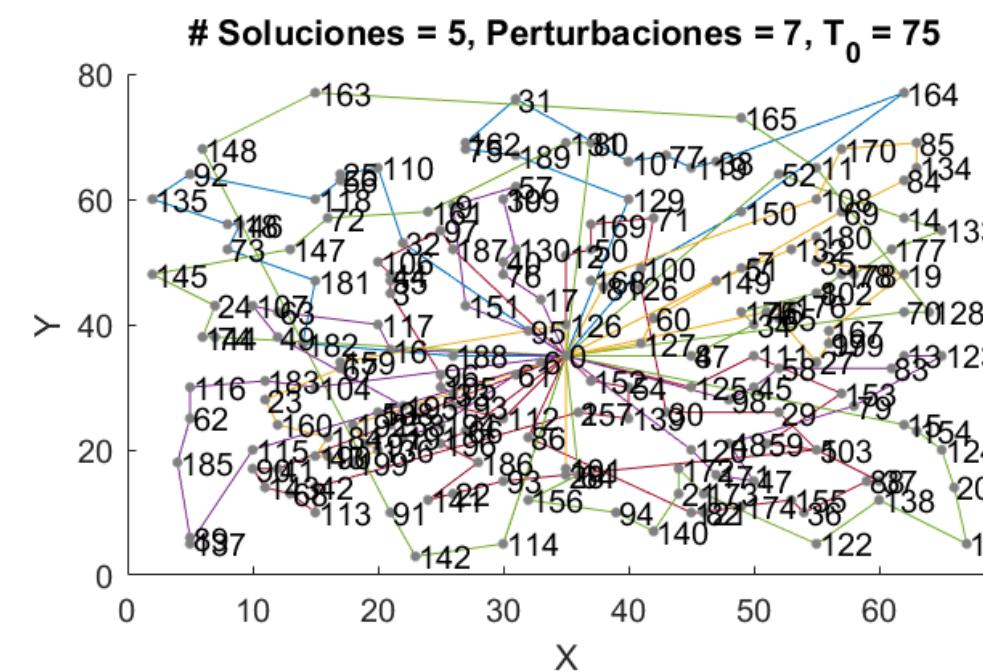
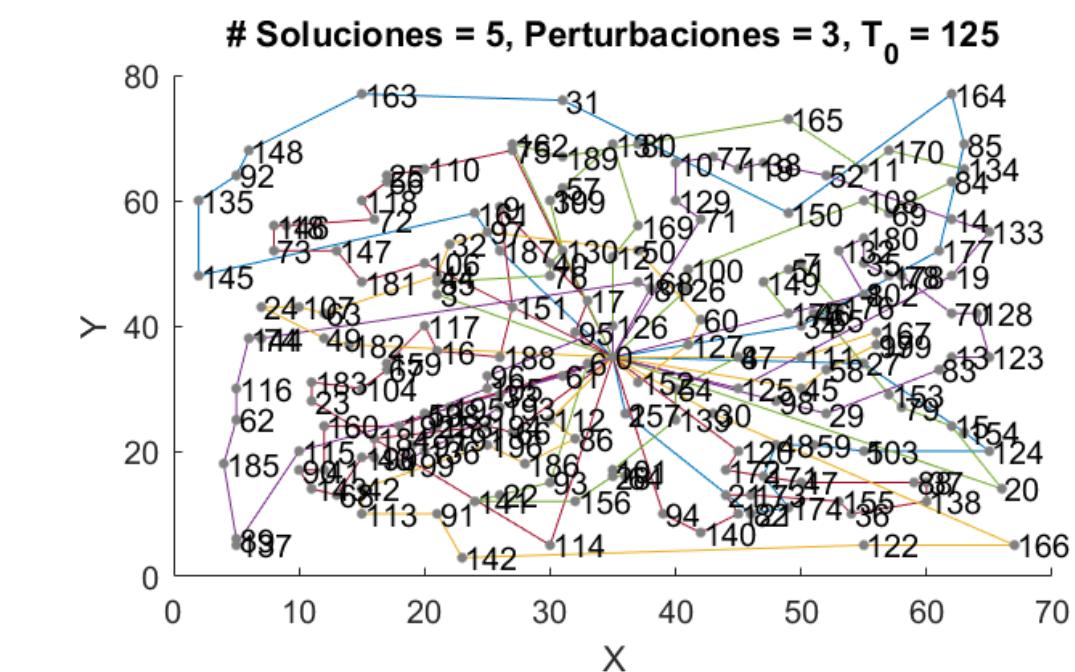
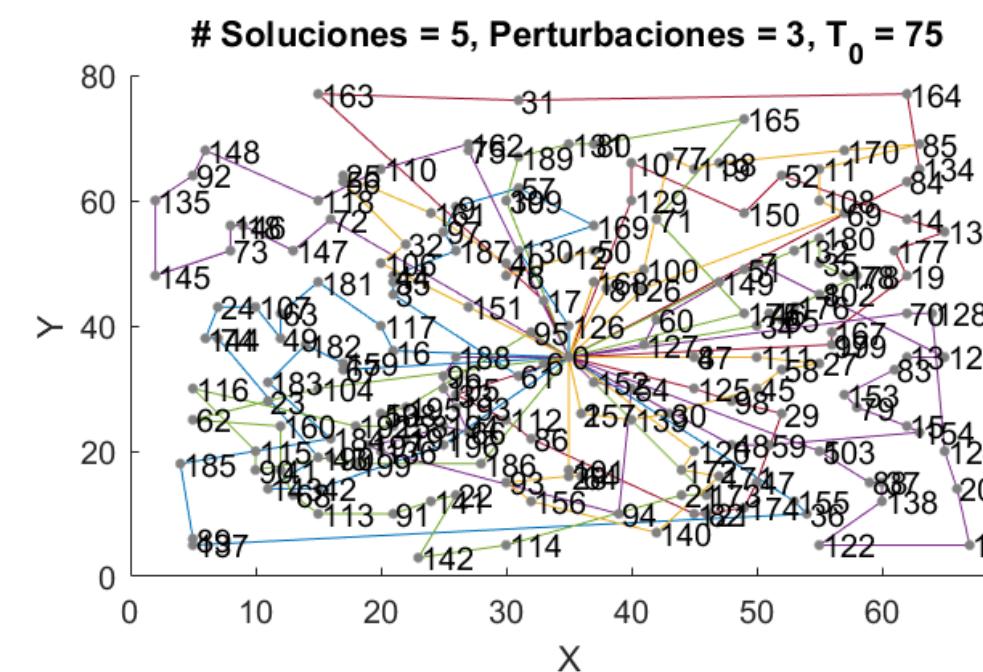
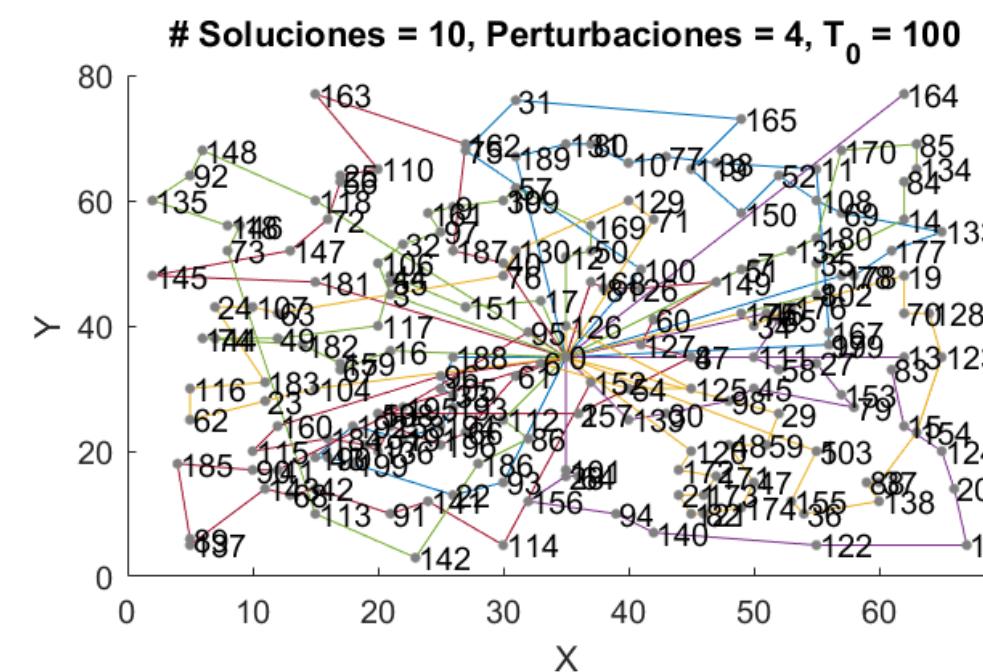


Soluciones = 15, Perturbaciones = 7, $T_0 = 125$

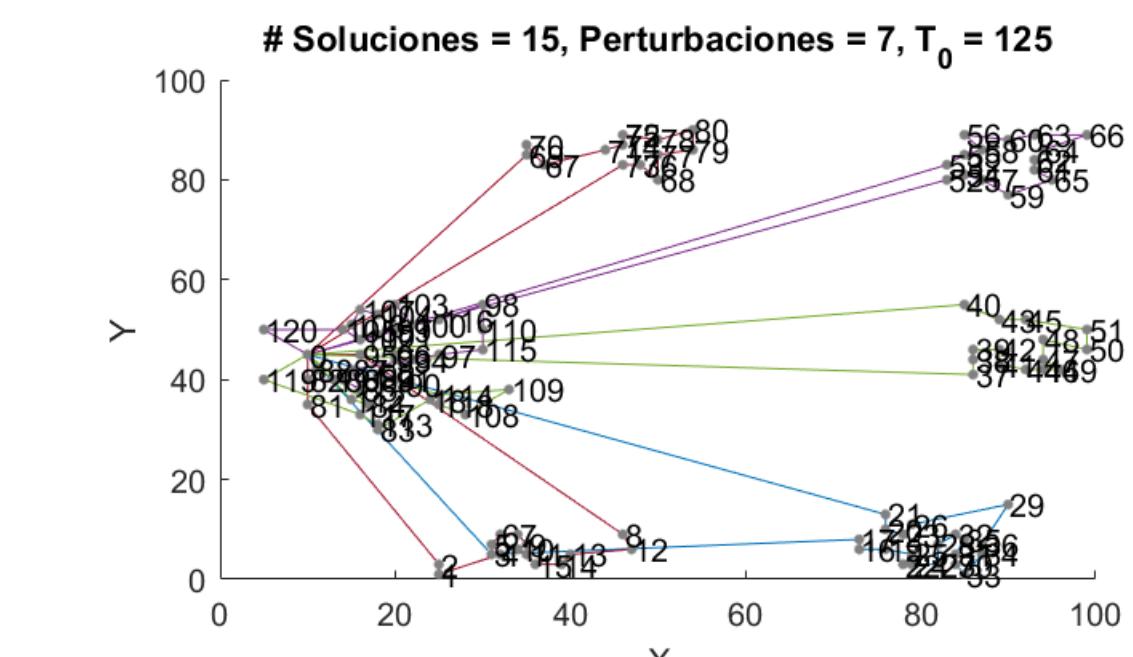
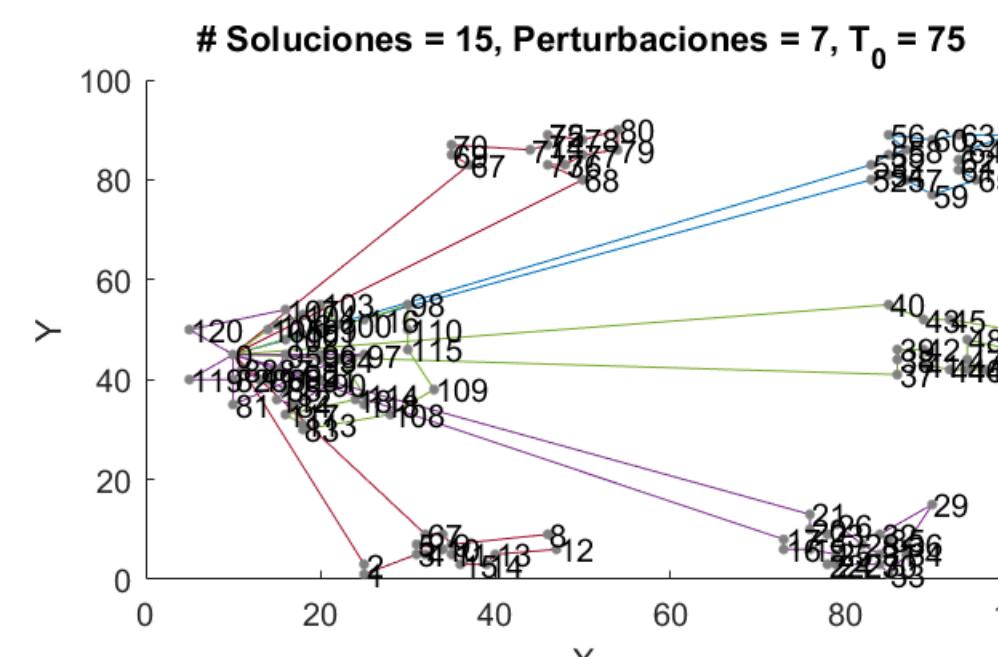
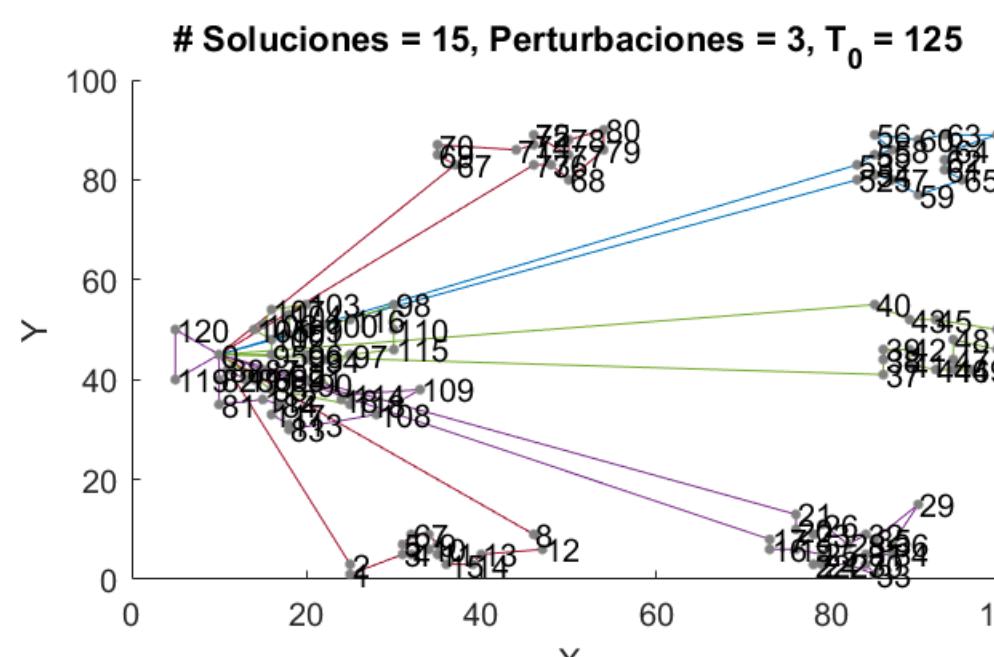
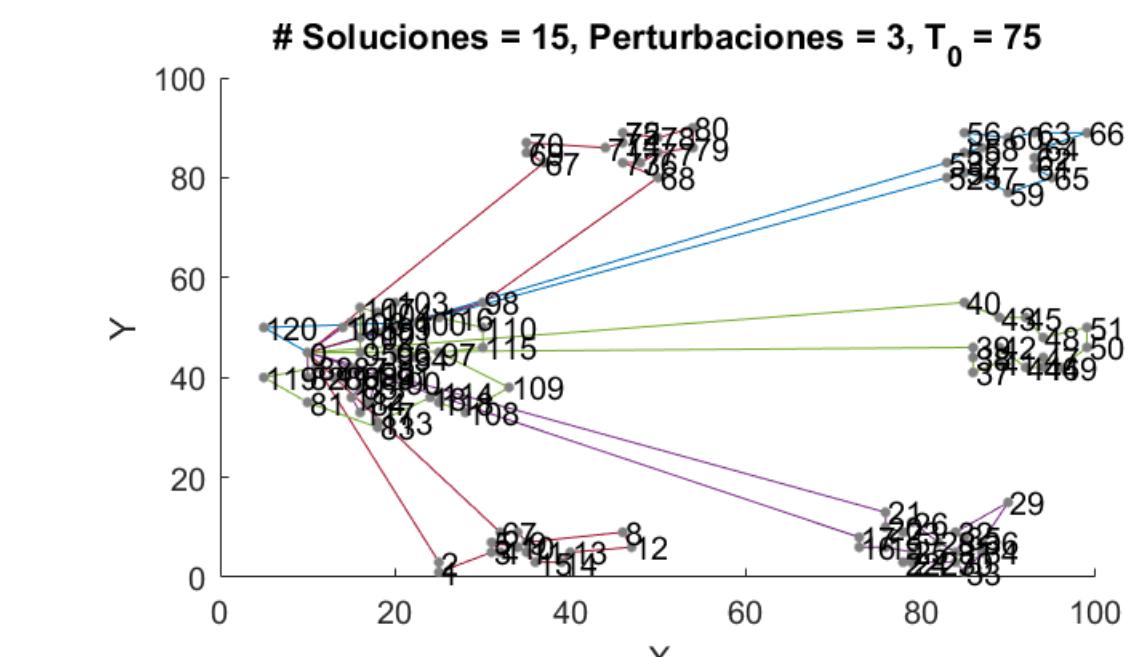
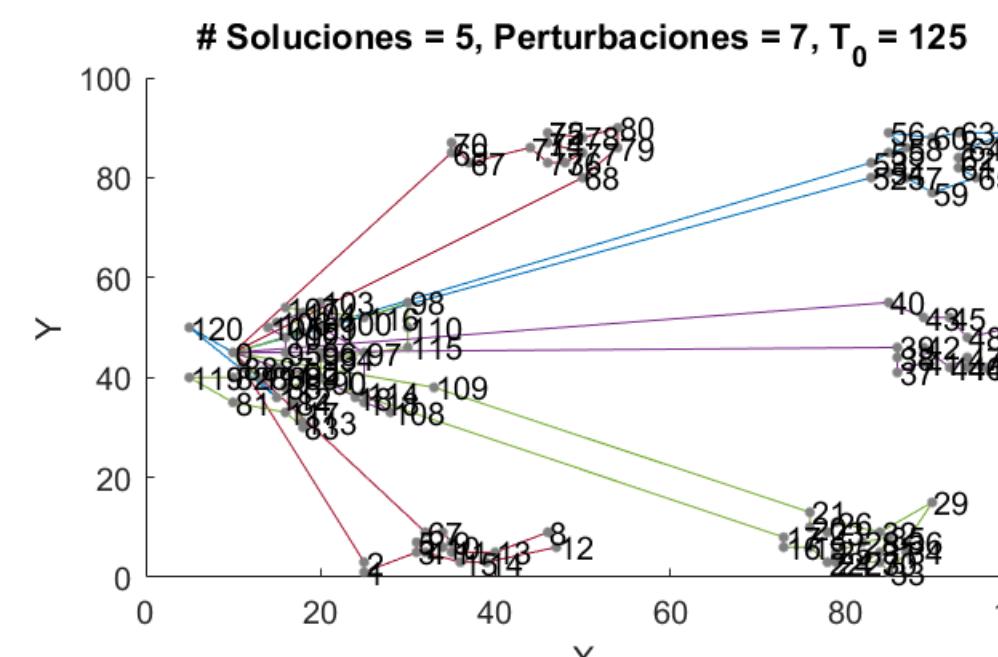
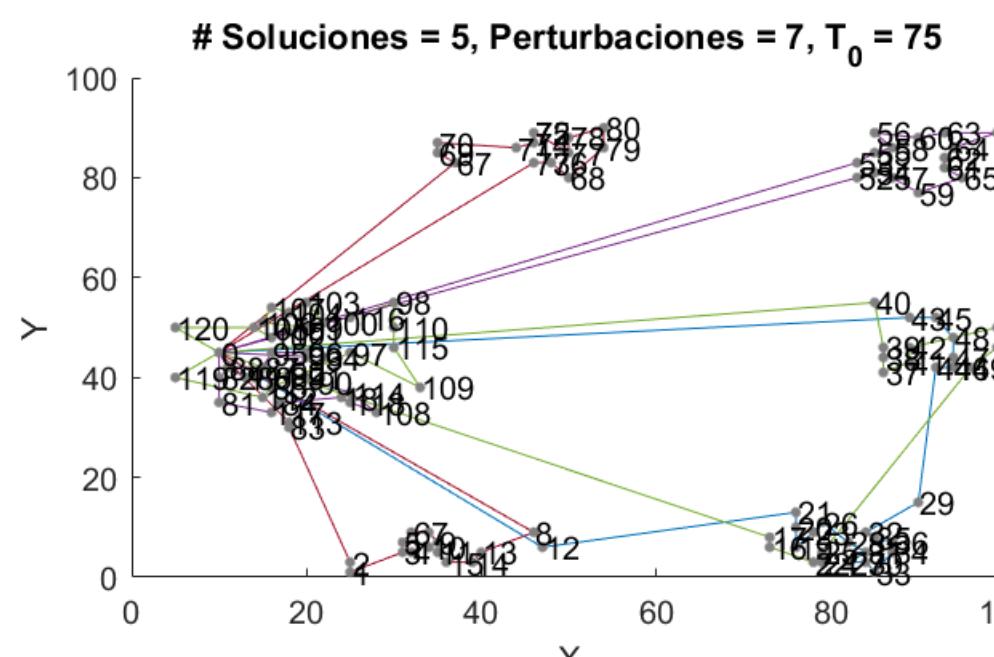
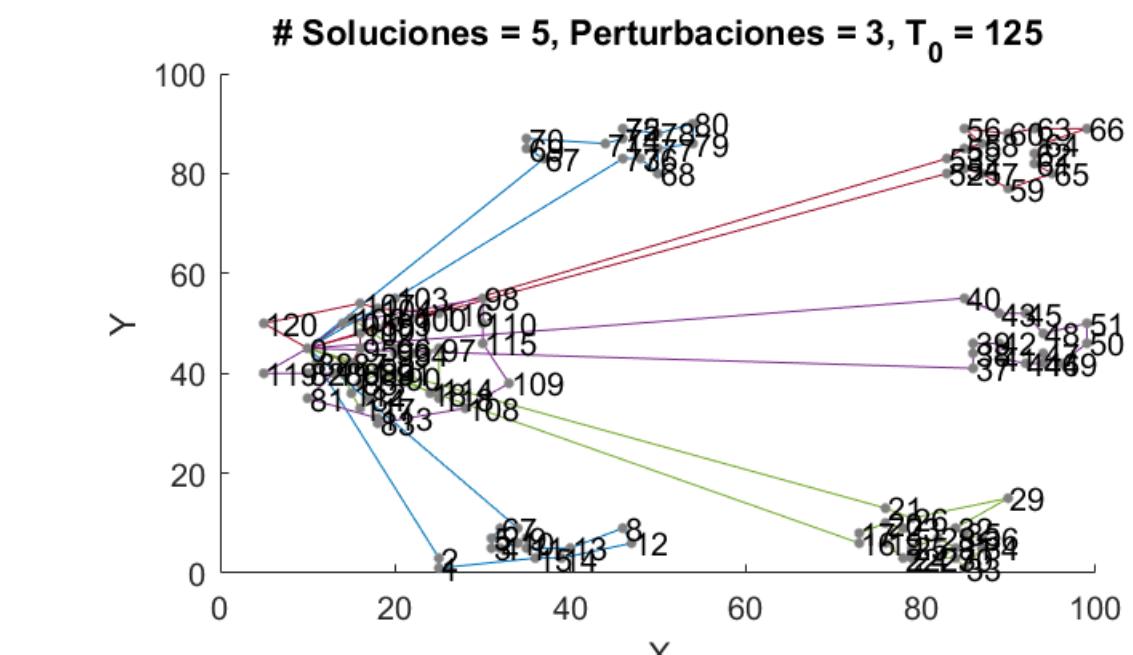
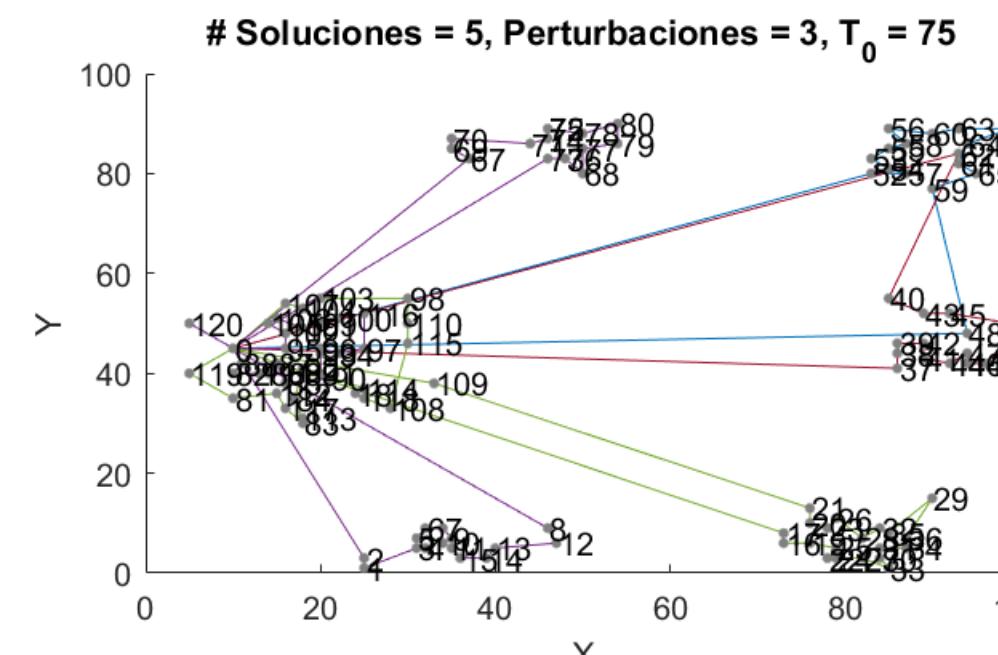
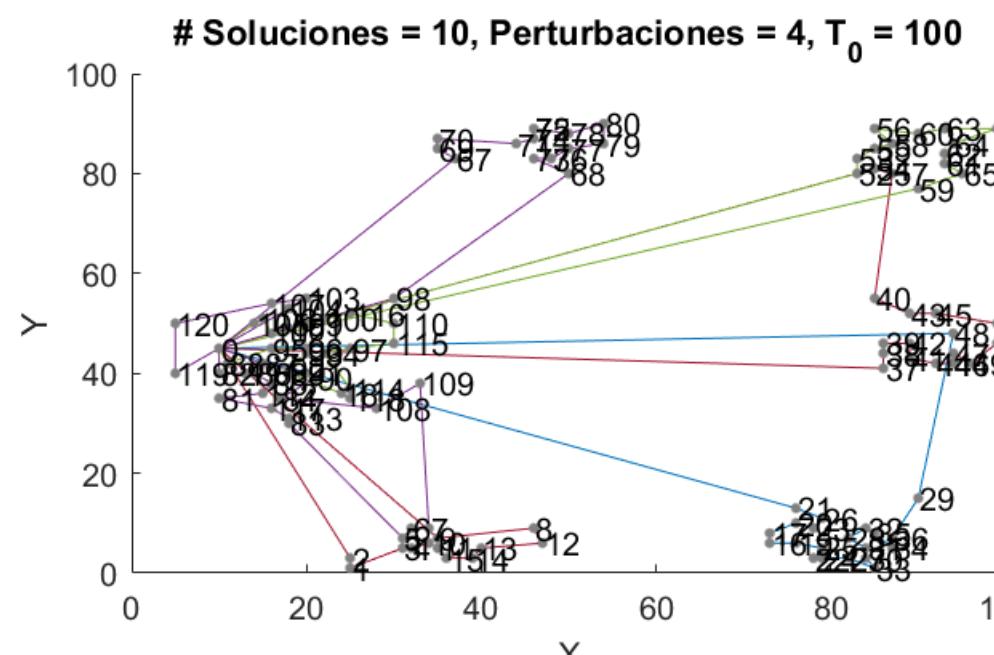




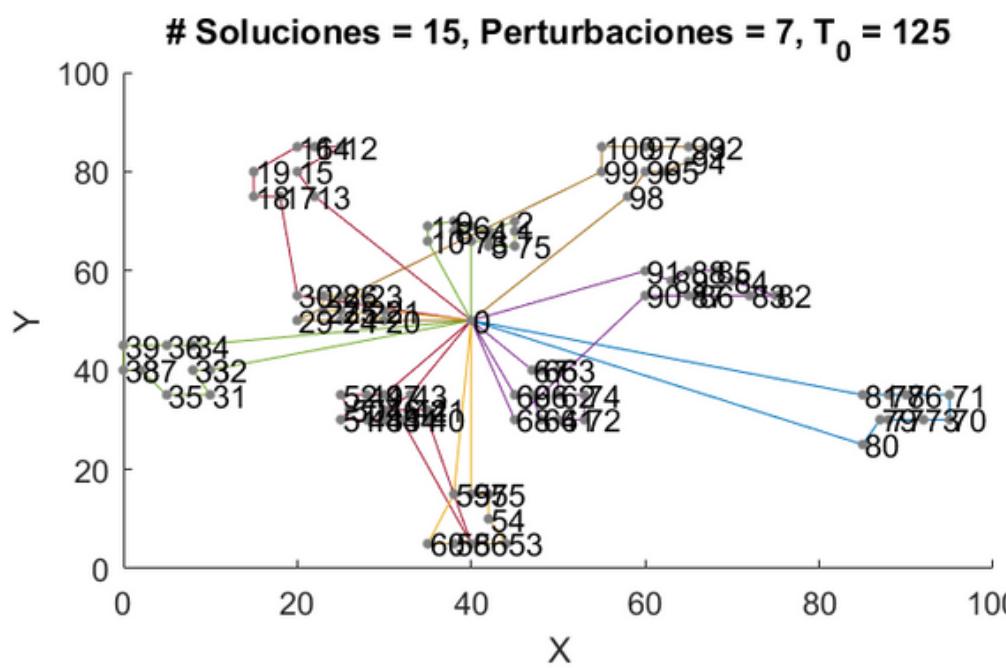
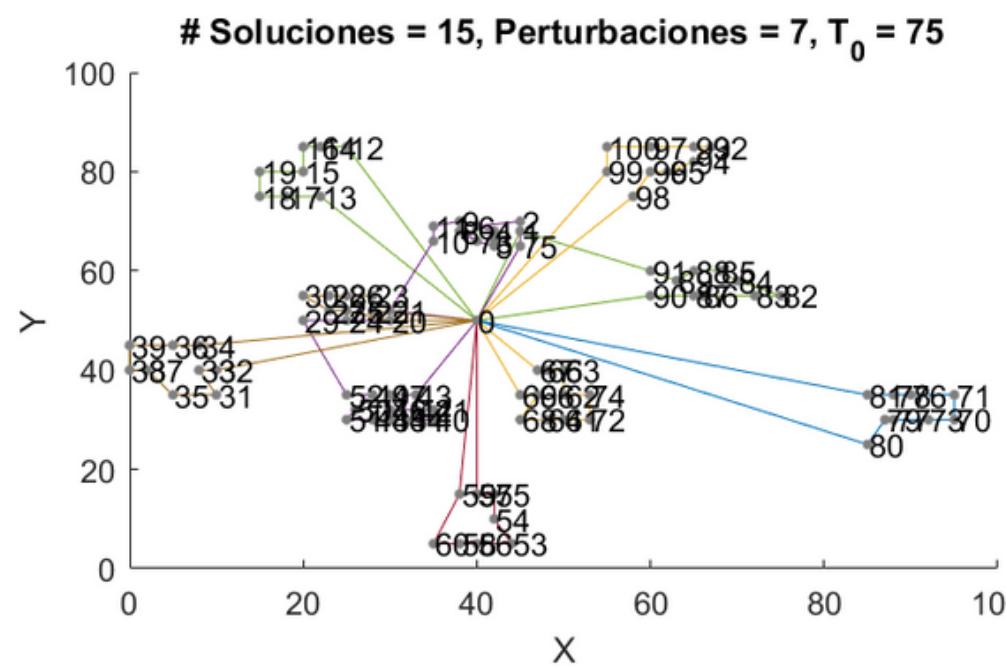
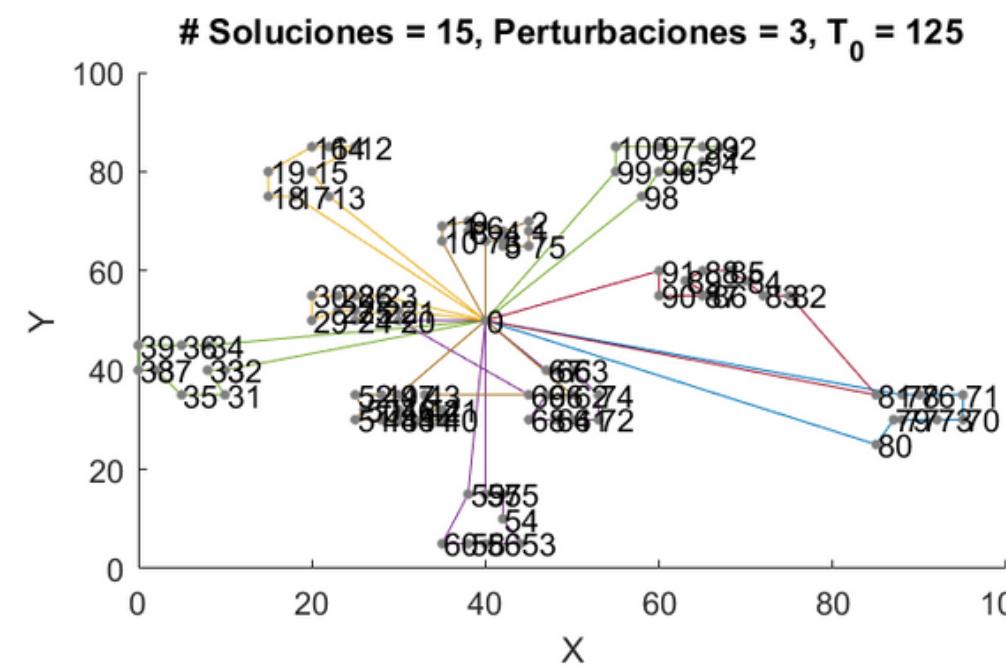
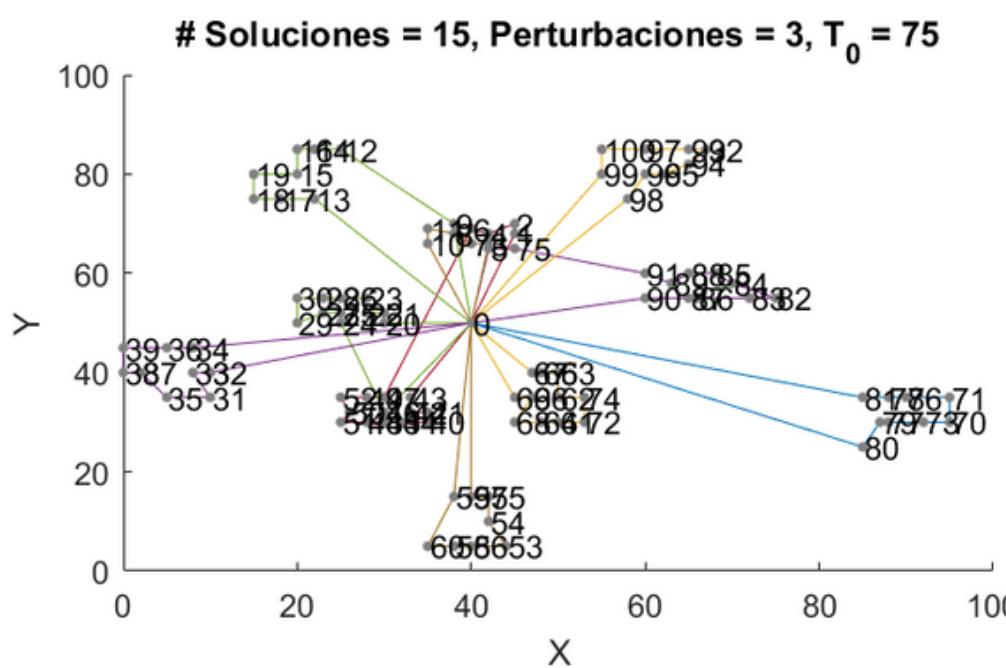
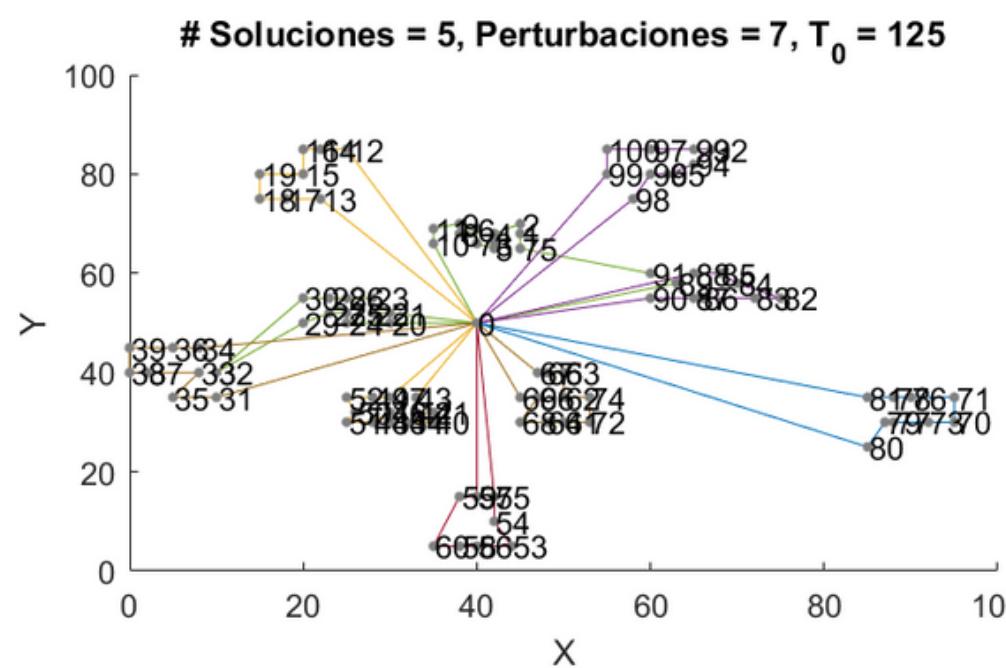
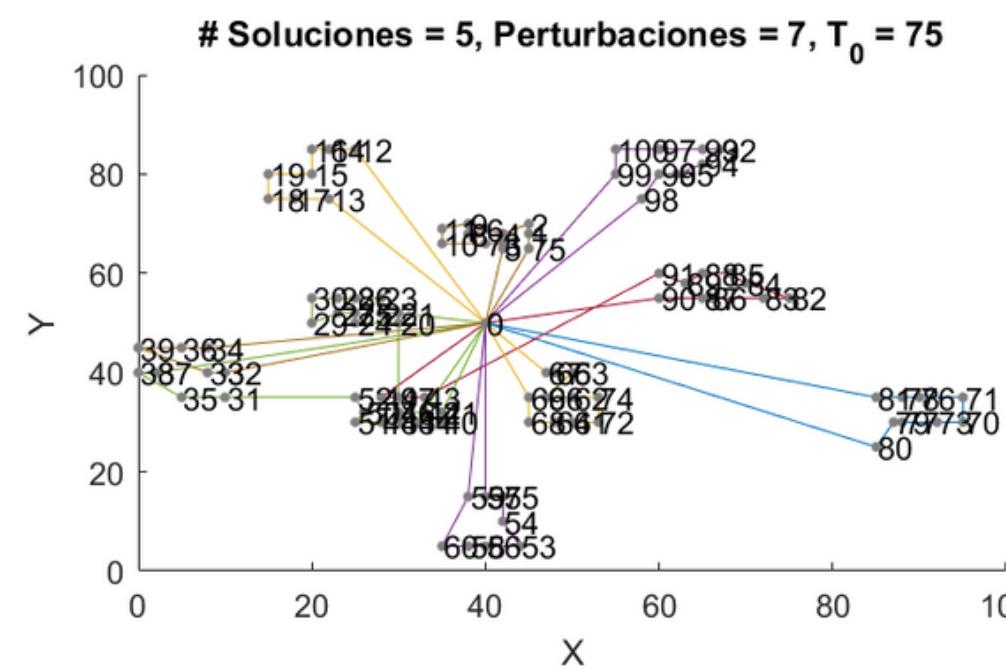
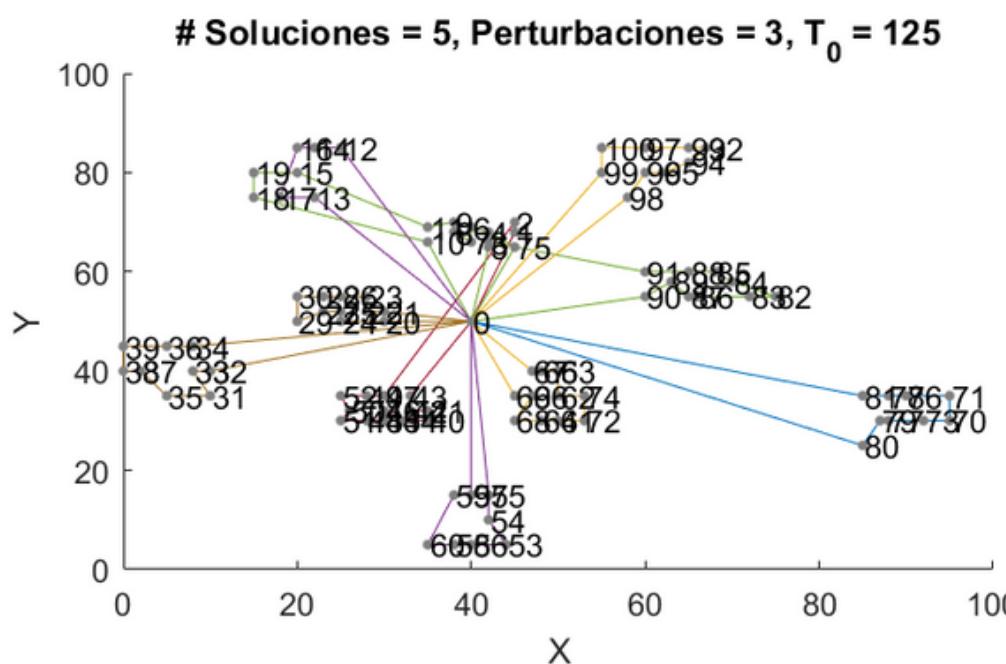
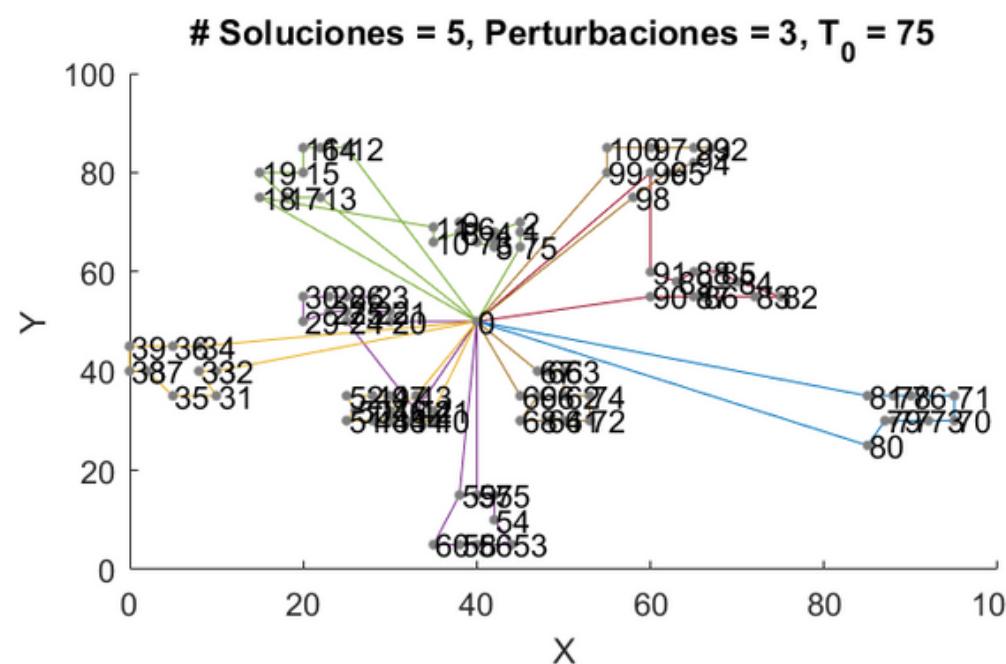
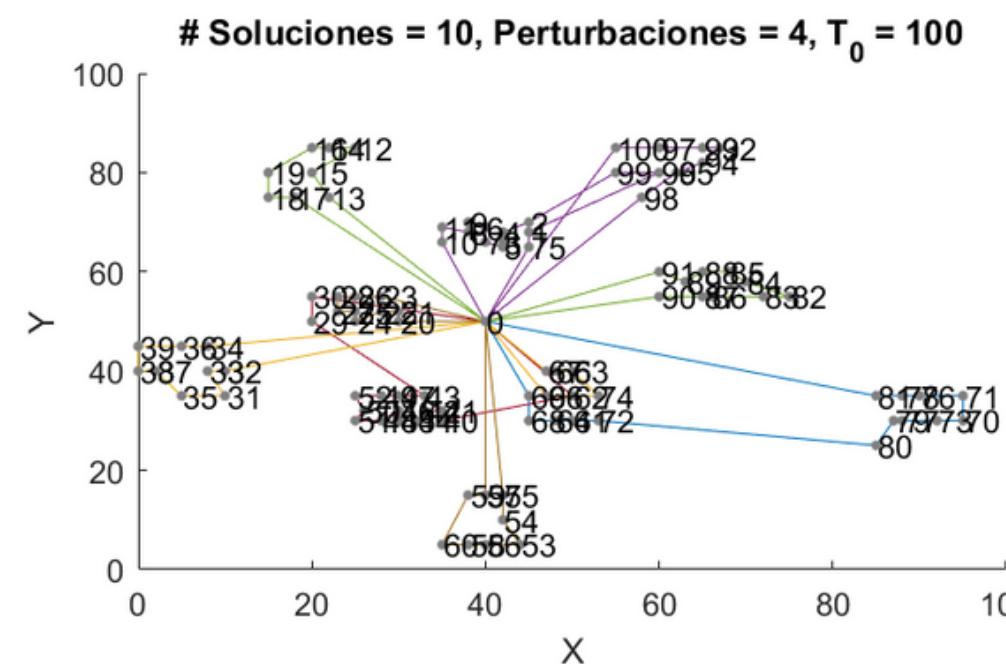
mtVRP9



mtVRP10

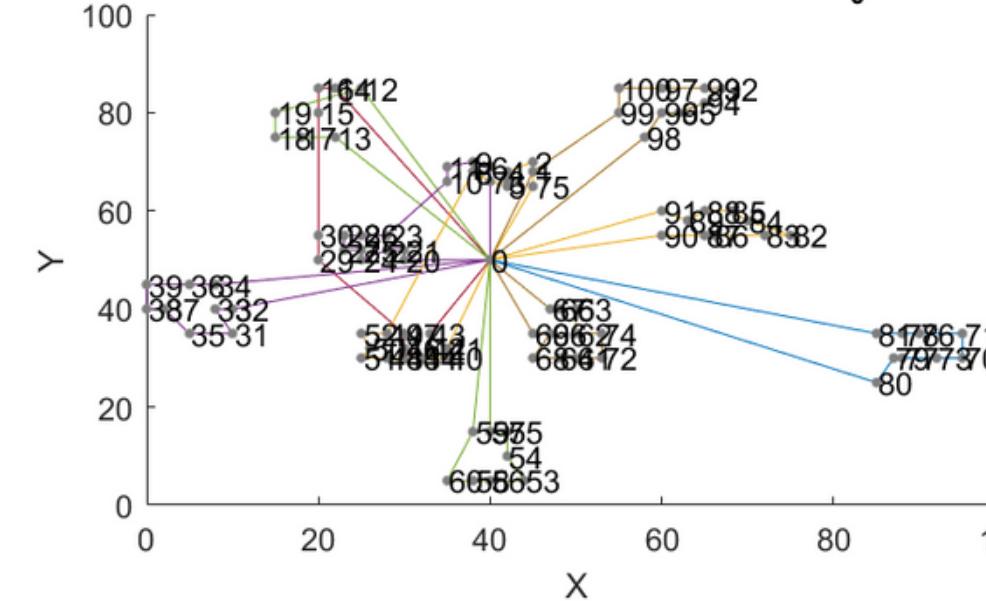


mtVRP11

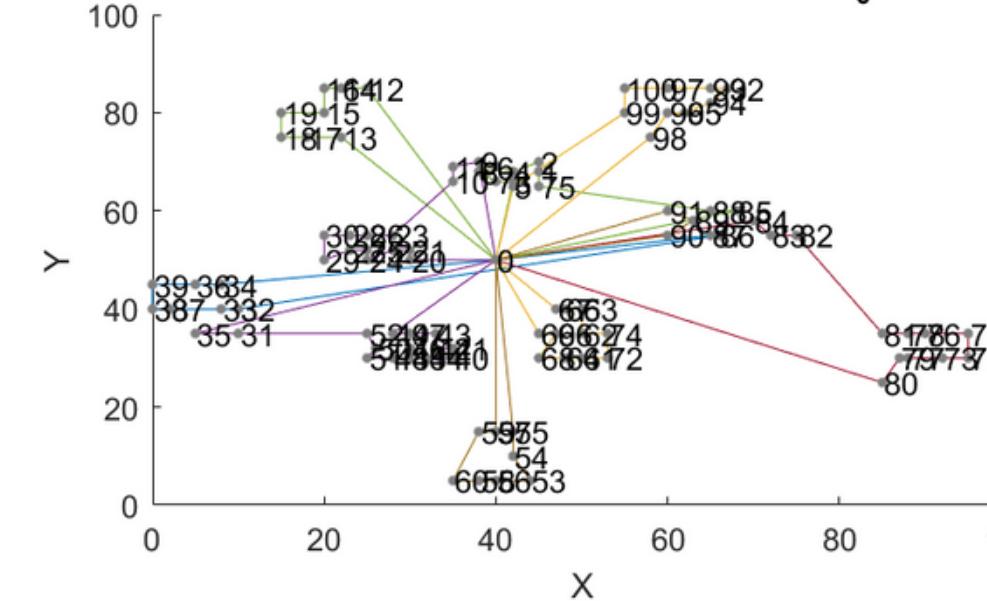


mtVRP12

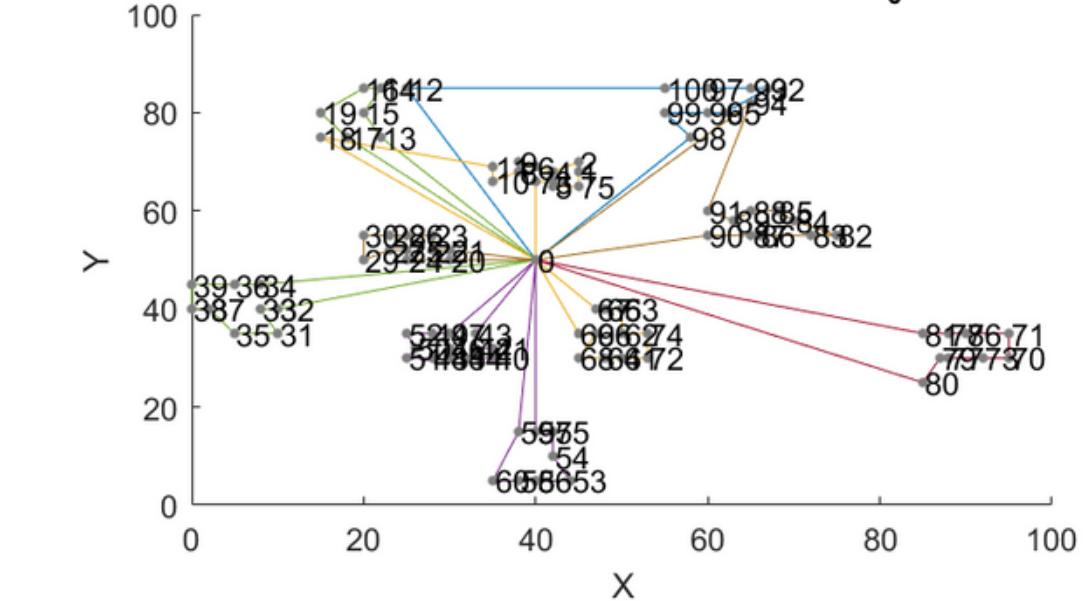
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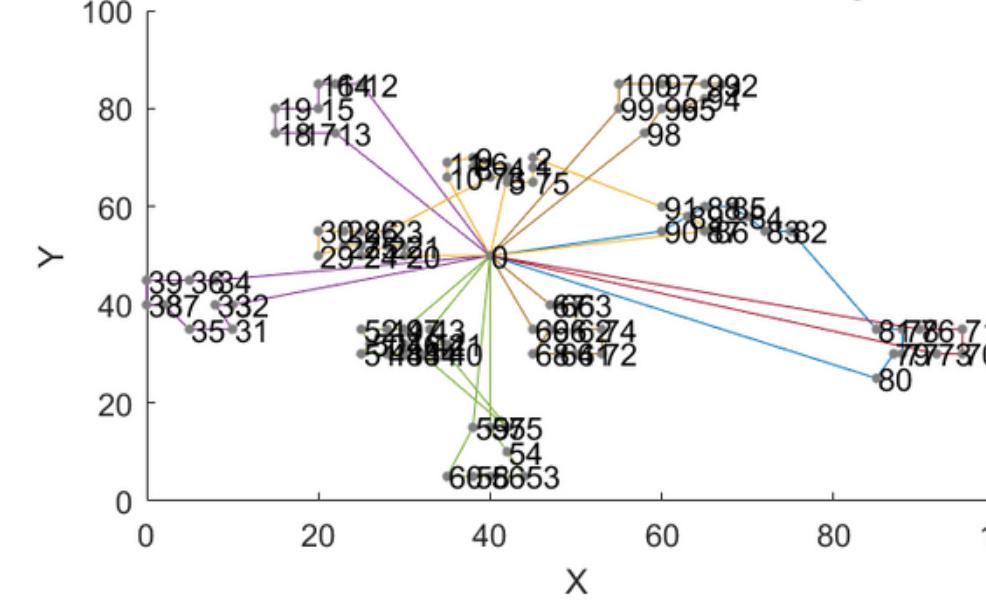
Soluciones = 5, Perturbaciones = 3, $T_0 = 75$



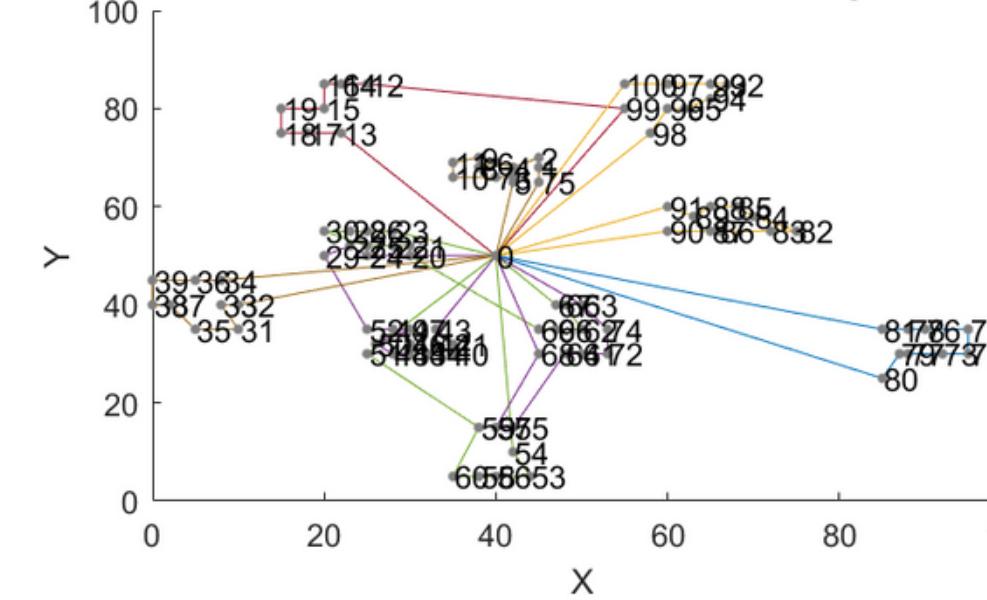
Soluciones = 5, Perturbaciones = 3, $T_0 = 125$



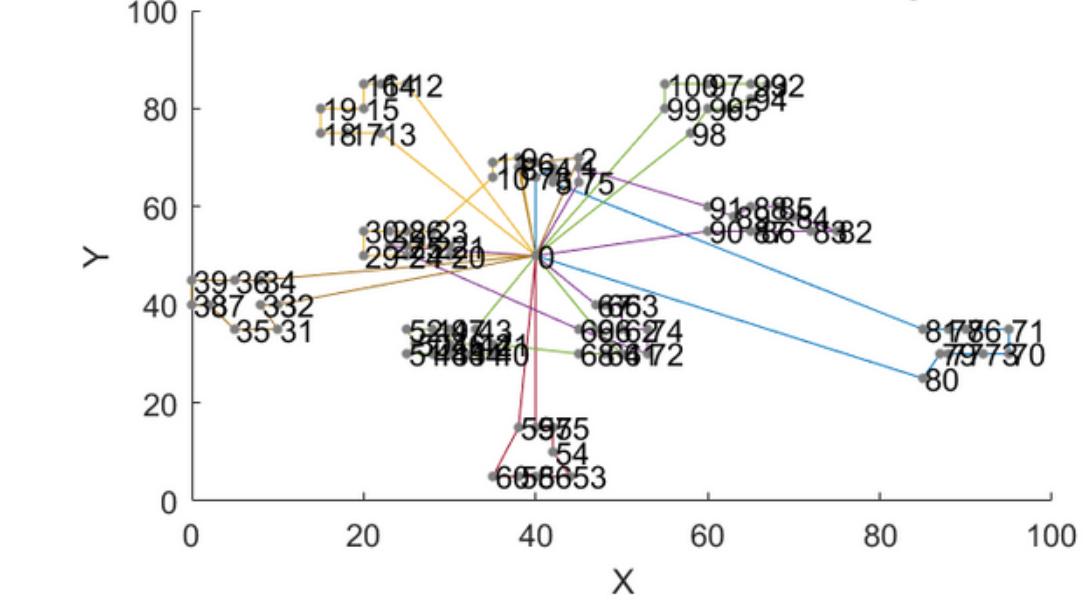
Soluciones = 5, Perturbaciones = 7, $T_0 = 75$



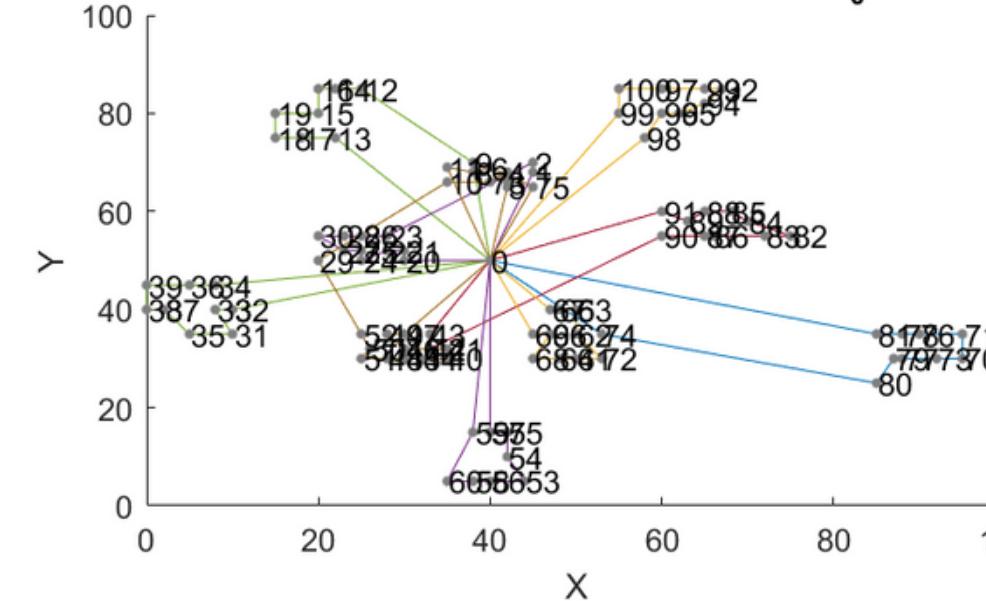
Soluciones = 5, Perturbaciones = 7, $T_0 = 125$



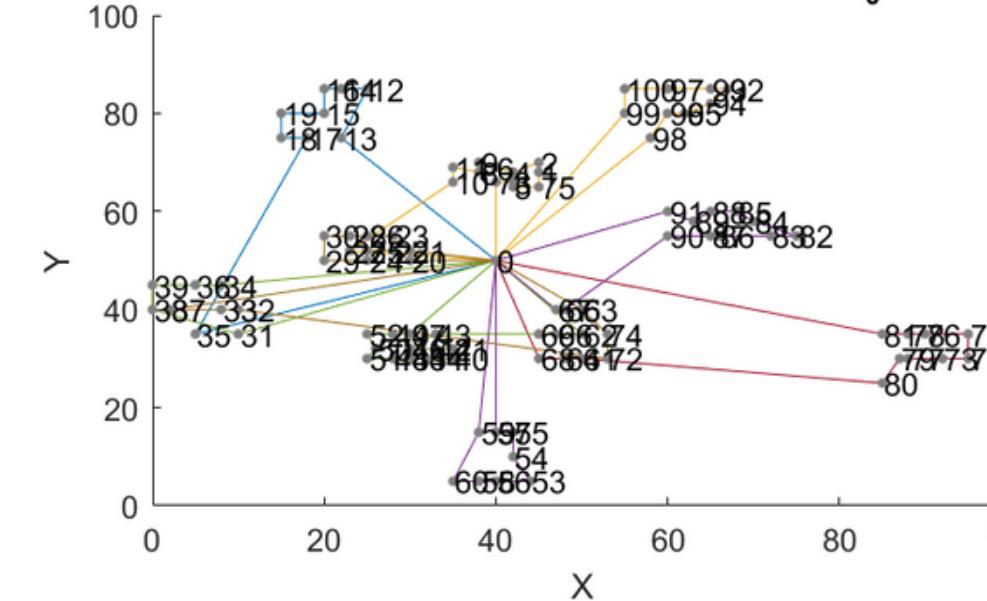
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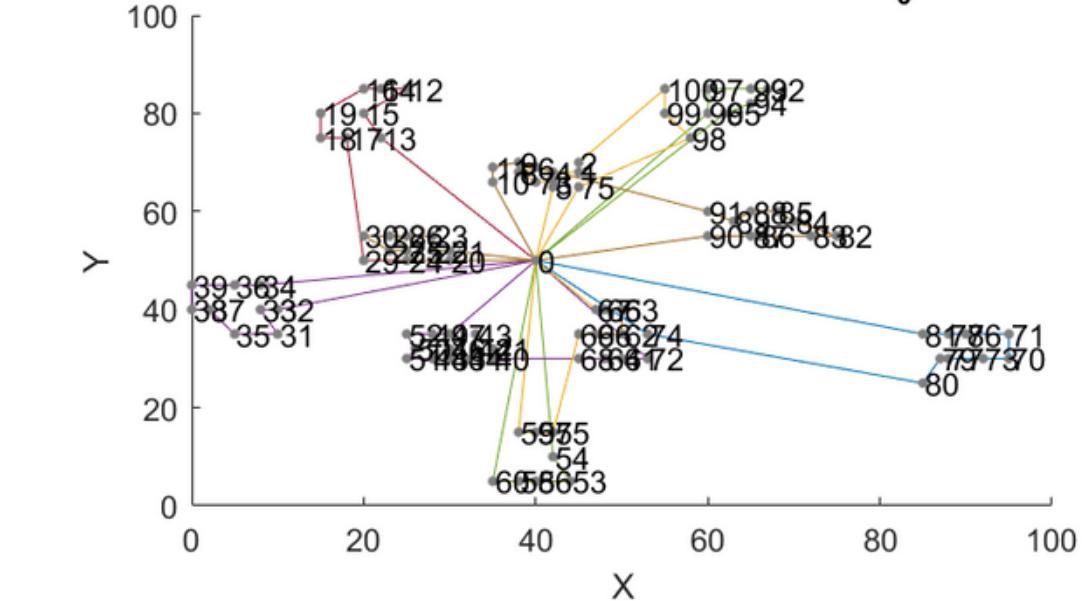
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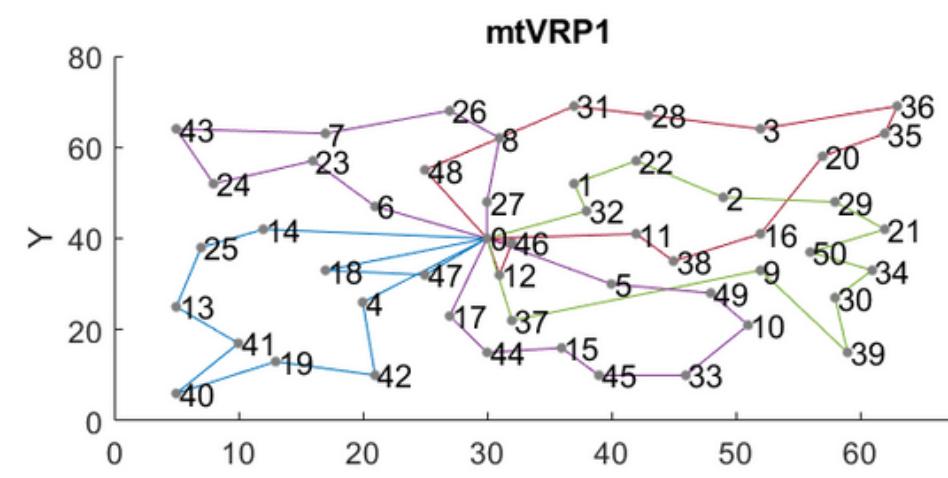
Soluciones = 15, Perturbaciones = 7, $T_0 = 75$



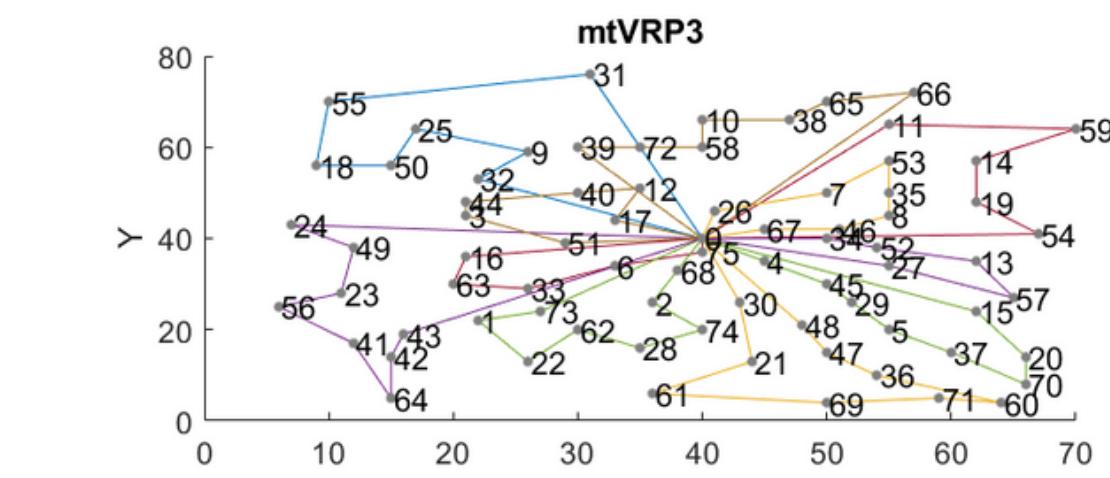
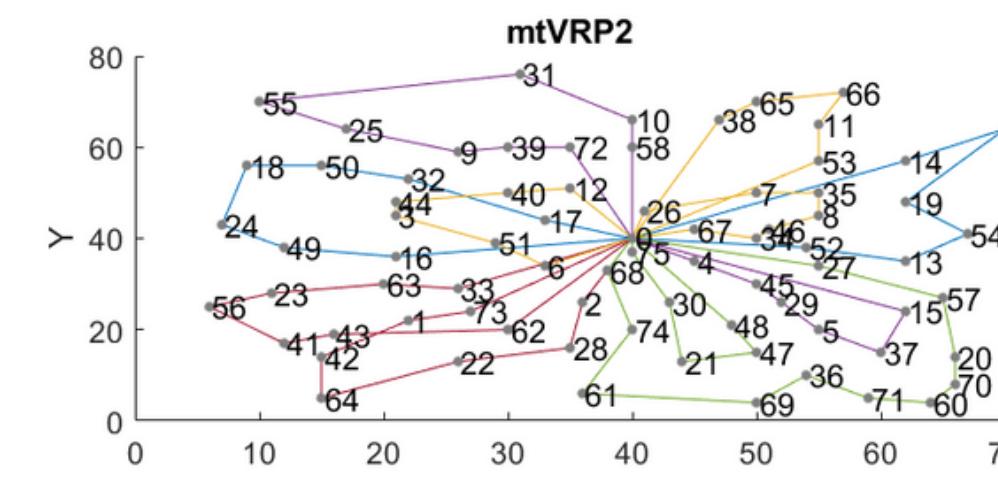
Soluciones = 15, Perturbaciones = 7, $T_0 = 125$



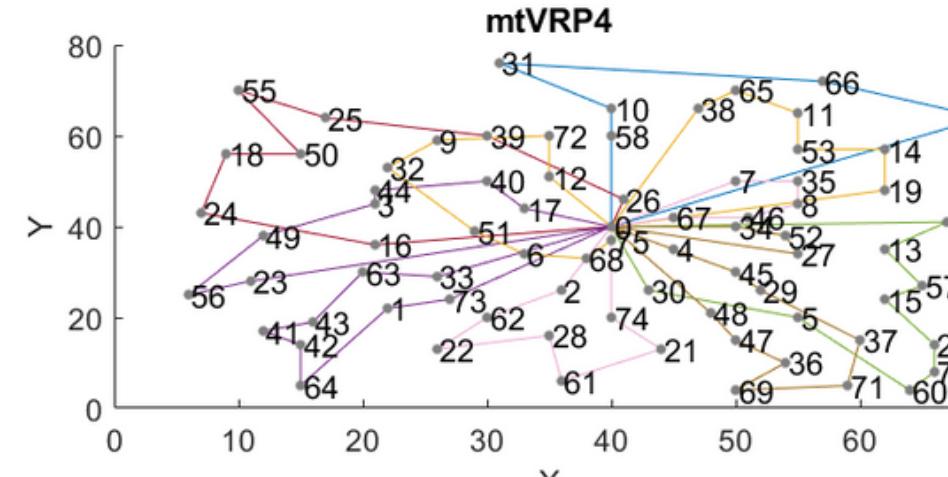
VND - RUTAS



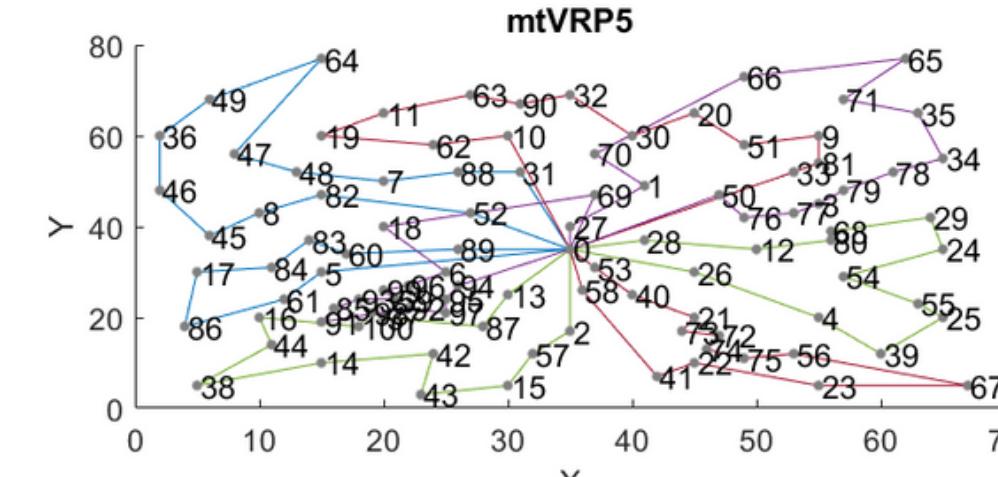
VND



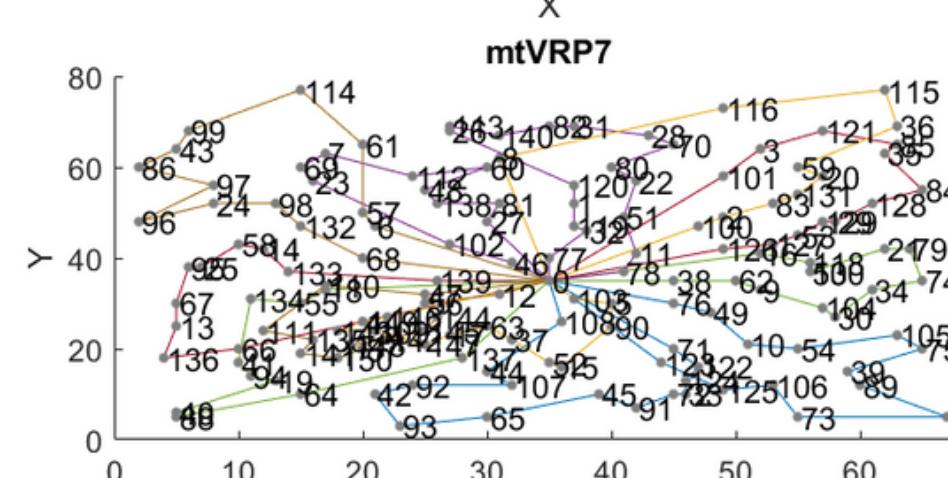
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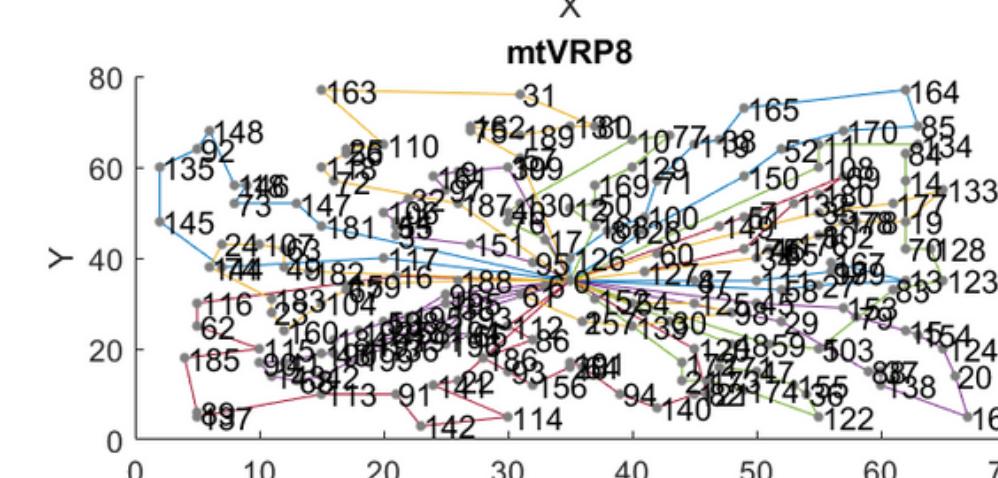
mtVR



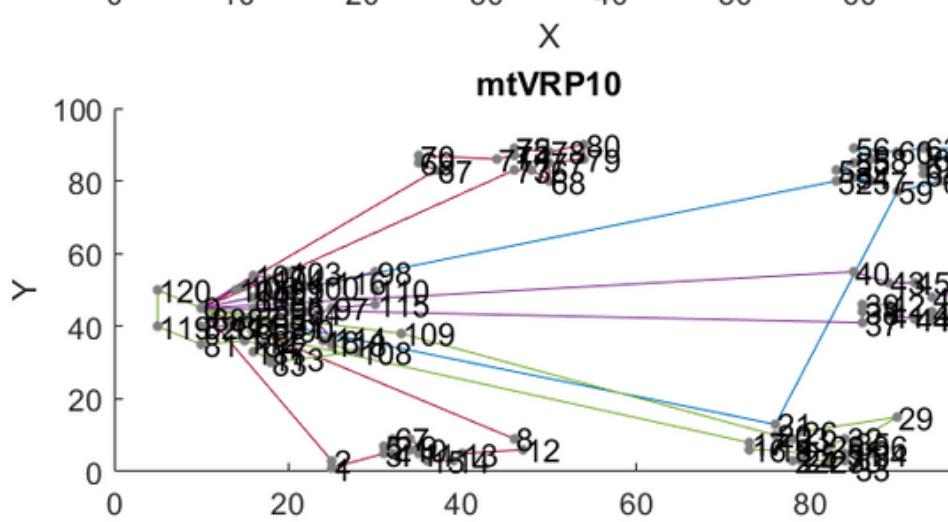
mtVRP6



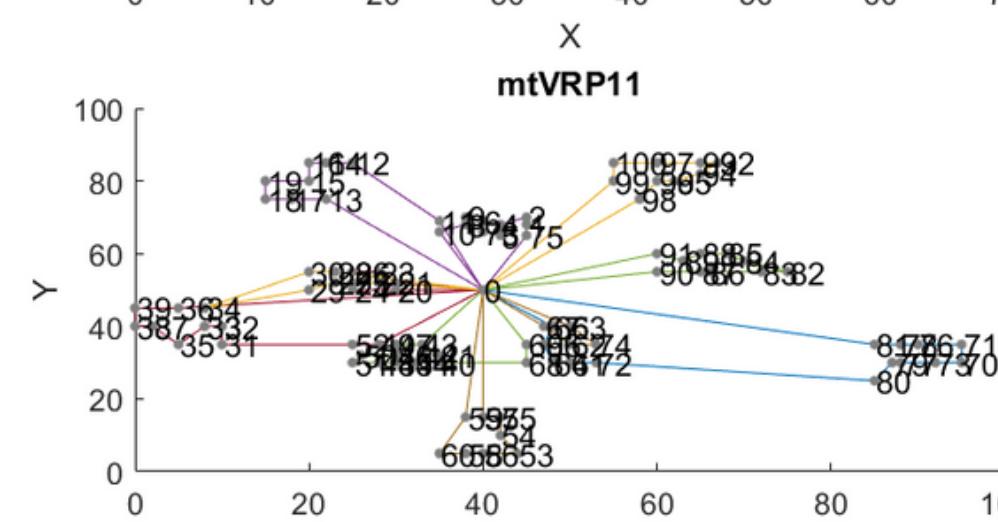
8



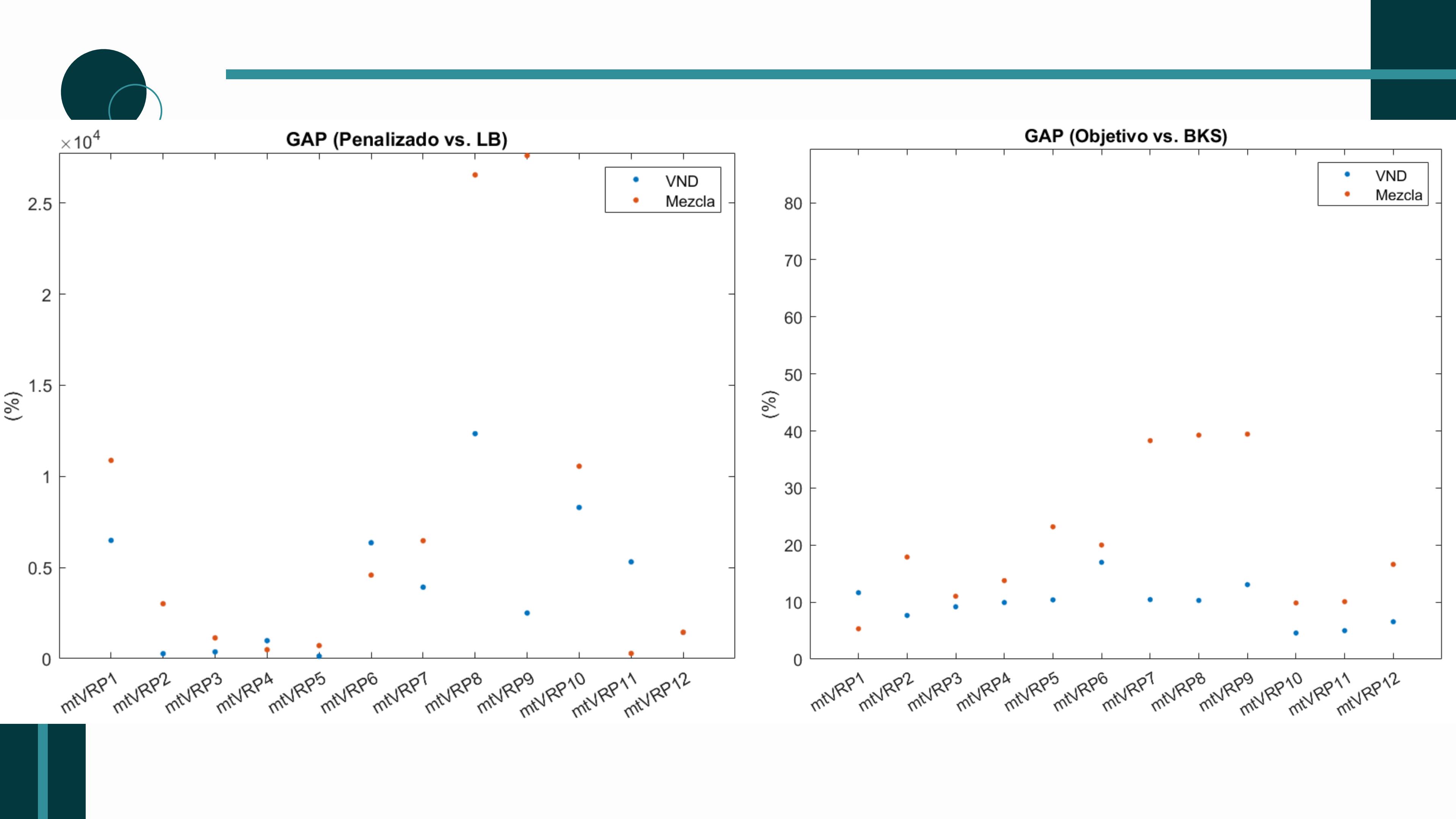
X



mtVRP



mtVRP12



CONCLUSIONES