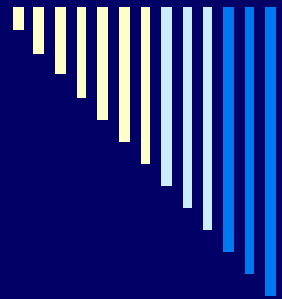


Bibliografía Anotada

Gabriela A. Salamanca Fajardo
Seminario de Investigación I
Maestría en Ingeniería de Sistemas y Computación



Contenido

- ✍ Problema de Investigación
 - ✍ Temas en la Bibliografía anotada
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Problema de Investigación

Interés

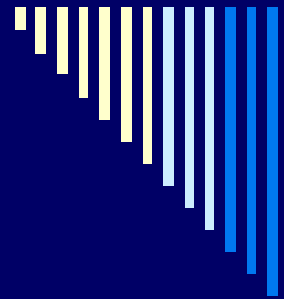
Planeación de Rutas, Agrupamiento

Tema Amplio

Planeación de Rutas de viaje óptimas.

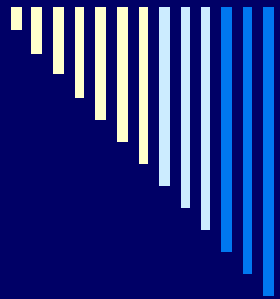
Tema Enfocado

Planeación de Rutas de viaje óptimas para la recolección de desechos.



Temas en la Bibliografía anotada

- ✍ Nomadic On-line Travelling Salesman Problem (NOLTSP)
- ✍ Homing On-line Travelling Salesman Problem (H-OLTSP)
- ✍ Vehicle routing problems with time windows (VRPTW)
- ✍ Deadline-TSP
- ✍ The Capacitated Vehicle Routing Problem (CVRP)

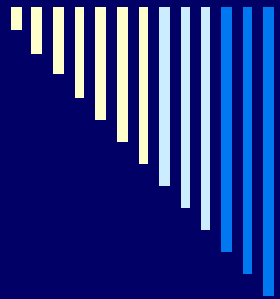


- ✍ k-delivery TSP
 - ✍ The k-traveling repairman problem
 - ✍ Bookmobile routing and scheduling
 - ✍ The vehicle routing problem with time windows and split deliveries (VRPTWSD).
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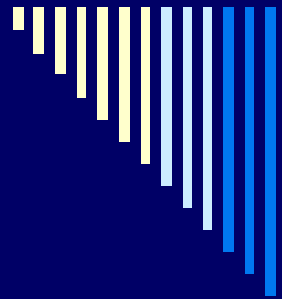


Soluciones Planteadas

- ✍ Ant Colony Optimization (ACO)
 - ✍ Hybrid genetic algorithm.
 - ✍ Approximation algorithms.
 - ✍ Cooperative parallel method.
 - ✍ Spatial decision support system (SDSS).
 - ✍ Parallel simulated annealing.
 - ✍ Branch-and-price approach.
 - ✍ Saving Algorithm
-



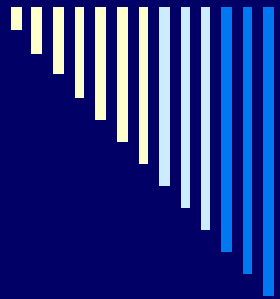
- ✍ Generación de rutas de viaje con base a un sistema de información geográfico.
 - ✍ Graph transformations for the vehicle routing and job shop scheduling problems.
 - ✍ Multicriteria genetic algorithms for the vehicle.
 - ✍ Comparing assignment algorithms for the multi-depot vrp.
-



Complementarios

Algunos artículo de gran utilidad en cuanto a temas relevante son:

- ✍ On planning and design of logistics systems for uncertain environments.
- ✍ Combining search and analogical reasoning.
- ✍ On planning and design of logistics systems for uncertain environments.
- ✍ The shortest path problem with k-cycle elimination.



- ✍ On the reformulation of vehicle routing problems and scheduling.
 - ✍ Flows, paths, and transportation.
 - ✍ Overview over optimization models in transportation,
-