Title:
A model for designing networks of Green hub location- Routing problem Many- to- Many had Pick up and Deliveries of simultaneous

Abstract:
Hence a way is very important for energy efficiency and protect the environment and reduce emissions in passenger shipping, transportation, and the transportation correct Design the location hub issue of (intermediaries distribution) with The design of the distribution network as one of the most important issues in many areas of everyday life such as moving passengers network, sending and receiving postal service, telecommunication network design, communication and public transport the location-routing hub, find the location of facilities and the assignment of nodes on the other hand hub facilities this thesis, we decided to check a model for green design hub network at the location -Finally, to solve the high-volume mathematical model presented examples of meta-heuristic algorithm GA (genetic) has been developed and optimized its performance compared with steps achieved by commercial software GAMS evaluate computational Results show the proper functioning of a genetic algorithm is designed to solve this problem.

Keywords:
Location green routing, network hubs, and was picked up at the same time, meta-heuristic algorithms, algorithms Zhntyg