



Séminaire conjoint / Joint Seminar
Chaire de recherche du Canada en logistique et en transport et
Chaire de recherche du Canada en distributique



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A HYBRID VARIABLE NEIGHBORHOOD-TABU SEARCH HEURISTIC FOR THE VEHICLE ROUTING PROBLEM WITH MULTIPLE TIME WINDOWS

Abstract: This talk presents a hybrid variable neighborhood-tabu search heuristic for the Vehicle Routing Problem with Multiple Time windows. It also describes a minimum backward time slack algorithm applicable to a multiple time windows environment. The implementation of the proposed heuristic is compared to an ant colony heuristic on benchmark instances involving multiple time windows. Computational results on newly generated instances are provided.

Note: Slim Belhaiza is Assistant Professor of Mathematics and Operations research in the Department of Mathematics & Statistics at King Fahd University.

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JEUDI / THURSDAY

12 juin 2014 /
June 12th, 2014
10h30

Salle / Room 5441
Pavillon André-Aisenstadt
Université de Montréal

Ouvert à tous / Open to all

Organisateur / Organizer
Gilbert Laporte



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