

# Work domain analysis and ecological interface for the vehicle routing problem

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**Abstract:** In this paper, we propose a work domain analysis for the vehicle routing problem. This analysis facilitates the identification of the problem constraints. The analysis is done through an abstraction hierarchy which facilitates an ecological user-interface design. The proposed decision support system and the ecological interfaces are presented. Finally, we propose an experimental study in order to evaluate the influence on the user for one of these interfaces.

**Keywords:** Decision support systems, vehicle routing problem, ecological interface design.

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