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EDITORIAL
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A combinatorial optimization problem Π is a minimization or maximization problem, and it consists of the following parts: 1) a set D_Π of I instances, $I \in D_\Pi$; 2) for each instance I exist a finite set $S_\Pi(I)$ of candidate solutions; 3) a function m_Π that assigns a positive rational number $m_\Pi(I,\sigma)$ or solution value for σ, to each I instance and candidate solution $\sigma \in S_\Pi(I)$. The International Journal of Combinatorial Optimization Problems and Informatics (IJCOPI) provide information on subjects related to the Combinatorial Optimization Problems and the Informatics.

Deep and Mebraht presents three new variations of the order crossover operator for solving the travelling salesman problem. Their results based on the numerical and graphical analysis indicated that the new variations of the order crossover operators have better results over the existing variants for TSP.

Rodríguez Rueda, Cotta and Fernández Leiva propose a Memetic Algorithm for Designing Balanced Incomplete Blocks. The Memetic Algorithm features a heuristic recombination operator based on greedy procedures and a local search method embedded in the evolutionary cycle. The results of the algorithm are better than other meta-heuristics such as genetic algorithms, hill climbing, and tabu search.

Díaz-Parra, Ruiz-Vanoye and Zavala-Díaz present a depository of test instances of the School Bus Routing Problem. The depository of test instances can be downloaded for others researchers for experimentation.

Moudani and Sayed propose an approach for extracting knowledge for the development of a skin model with application including segmentation, image classification and face detection. The first application concerns the detection of faces in color images; the second application concerns the classification of an image to be human, adult sites or other. In this work obtains results with different configurations and with the possibility to change the parameters as needed to users.

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