

## Approximation Algorithms For Np Hard Problems

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COMP.7100 Approximation Algorithms (Formerly 91.710)

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While it is classified in the industry as an NP-hard problem in combinatorial optimization ... However, even the best of these algorithms are only able to guarantee that their solution will ...

## Taking A Crack At The Traveling Salesman Problem

Dr Antonino Sgalambro is a Senior Lecturer in Operations Research at the Sheffield University Management School and Director of Research for the Operations Management and Decision Science division. He ...

## Dr Antonino Sgalambro

Pietro Oliveto is a Senior Lecturer in the Algorithms group and leader of the 'Rigorous Runtime Analysis of Bio-inspired Computing' project team. He received the Laurea degree and PhD degree in ...

## Dr Pietro Oliveto

In Arulsevan et al. (2009) it was proven to be an NP-hard problem. Evolutionary algorithms are powerful tools in optimization problems. Multi-objective optimization problems involve multiple ...

## Approaching the bi-objective critical node detection problem with a smart initialization-based evolutionary algorithm

Gottlieb, Lee-Ad Kontorovich, Aryeh and Krauthgamer, Robert 2014. Efficient Classification for Metric Data. IEEE Transactions on Information Theory, Vol. 60, Issue. 9 ...

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