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	Nota di contenuto	On the effect of scalarising norm choice in a ParEGO implementation Multi-objective big data optimization with Metal and Spark An empirical assessment of the properties of inverted generational distance indicators on multi- and many-objective optimization Solving the Bi-objective traveling thief problem with multi-objective evolutionary algorithms Automatically Configuring multi-objective local search using multi-objective optimization The multi-objective shortest path problem is NP-hard, or is it Angle-based preference models in multi-objective optimization Quantitative performance assessment of multi-objective optimizers: The average runtime

	attainment function A multi-objective strategy to allocate roadside units in a vehicular network with guaranteed levels of service - An approach for the local exploration of discrete many objective optimization problems A note on the detection of outliers in a binary outranking relation Classifying meta-modeling methodologies for evolutionary multi-objective optimization: First results Weighted stress function method for multi-objective evolutionary algorithm based on decomposition Timing the decision support for real-world many-objective problems On the influence of altering the action set on PROMETHEE II's relative ranks Peek { Shape { Grab: a methodology in three stages for approximating the non-dominated points of multi- objective meta-heuristic A new reduced-length genetic representation for evolutionary multi-objective clustering A fast incremental BSP tree archive for non-dominated points Adaptive operator selection for many-objective optimization First investigations on noisy model-based multi-objective optimization First investigations on noisy model-based multi-objective optimization landscapes Neutral neighbors in Bi-objective optimization: Distribution of the most promising for permutation problems Multi-objective adaptation of a parameterized GVGAI agent towards several games Towards standardized and seamless integration of expert knowledge into multi- objective evolutionary optimization algorithms Empirical investigations of reference-based multi-objective evolutionary algorithms A fitness landscape analysis of pareto local search on Bi- objective permutation flow-shop scheduling problems Dimensionality reduction approach for many-objective vehicle routing problem with demand responsive transport Heterogeneous evolutionary swarms with partial redundancy solving multi-objective tasks Multiple meta-models for robustness estimation in multi- objective robust optimization Prowards a better balance of diversity and convergence in NSGA-III:
Sommario/riassunto	optimal time. This book constitutes the refereed proceedings of the 9th International
	Conference on Evolutionary Multi-Criterion Optimization, EMO 2017 held in Münster, Germany in March 2017. The 33 revised full papers presented together with 13 poster presentations were carefully reviewed and selected from 72 submissions. The EMO 2017 aims to

discuss all aspects of EMO development and deployment, including theoretical foundations; constraint handling techniques; preference handling techniques; handling of continuous, combinatorial or mixedinteger problems; local search techniques; hybrid approaches; stopping criteria; parallel EMO models; performance evaluation; test functions and benchmark problems; algorithm selection approaches; manyobjective optimization; large scale optimization; real-world applications; EMO algorithm implementations.