

Themen Seminar Logistikmanagement

- **Operations Research/Management Science:**

Thema 1 (*Bin packing and cutting stock problems: Mathematical models and exact algorithms*)
Delorme et al. (2016)

Thema 2 (*A New Branch-and-Price-and-Cut Algorithm for One-Dimensional Bin-Packing Problems*)
Wei et al. (2020)

Thema 3 (*A discrete cross aisle design model for order-picking warehouses*)
Ömer Öztürkoglu and Hoser (2019)

Thema 4 (*A General Branch-and-Cut Framework for Rotating Workforce Scheduling*)
Becker et al. (2022)

- **Transportlogistik:**

Thema 5 (*The fragility-constrained vehicle routing problem with time windows*)
Altman et al. (2021)

Thema 6 (*An adaptive large neighborhood search approach for multiple traveling repairman problem with profits*)
Avcı and Avcı (2019)

Thema 7 (*Two-echelon vehicle routing problem with simultaneous pickup and delivery: Mathematical model and heuristic approach*)
Belgin et al. (2018)

Thema 8 (*Branch-and-price and adaptive large neighborhood search for the truck and trailer routing problem with time windows*)
Parragh and Cordeau (2017)

Thema 9 (*A Branch-and-Price-and-Cut Algorithm for the Vehicle Routing Problem with Two-Dimensional Loading Constraints*)
Zhang et al. (2022)

Thema 10 (*A Compact Arc-Based ILP Formulation for the Pickup and Delivery Problem with Divisible Pickups and Deliveries*)
Jargalsaikhan et al. (2021)

- **Revenue Management:**

Thema 11 (*A column generation algorithm for choice-based network revenue management*)
Bront et al. (2009)

- **Standortplanung:**

Thema 12 (*Benders decomposition for very large scale partial set covering and maximal covering location problems*)
Cordeau et al. (2019)

Thema 13 (*Median and Covering Location Problems with Interconnected Facilities*)
Cherkesly et al. (2019)

Thema 14 (*Revisiting the Hamiltonian p-median problem: A new formulation on directed graphs and a branch-and-cut algorithm*)
Bektaş et al. (2019)

Literatur

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