1. Record Nr. UNINA9910674029503321 Exact and Heuristic Scheduling Algorithms / / edited by Frank Werner, Titolo Larysa Burtseva, Yuri Sotskov Pubbl/distr/stampa Basel:,: MDPI - Multidisciplinary Digital Publishing Institute,, 2020 Descrizione fisica 1 online resource (200 pages) 004.24 Disciplina Soggetti Computer capacity - Management Computer capacity - Planning Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto This edited book presents new results in the area of the development of exact and heuristic scheduling algorithms. It contains eight articles accepted for publication for a Special Issue in the journal Algorithms. The book presents new algorithms, e.g., for flow shop, job shop, and parallel machine scheduling problems. The particular articles address subjects such as a heuristic for the routing and scheduling problem with time windows, applied to the automotive industry in Mexico, a heuristic for the blocking job shop problem with tardiness minimization based on new neighborhood structures, fast heuristics for the Euclidean traveling salesman problem or a new mathematical model for the period-aggregated resource leveling problem with variable job

duration, and several others.