

ABSTRACT

A system and method of scheduling resources. The method includes selecting individual ones of the decision variables to form a subset, in which each of the decision variables forming the subset is configured to be updateable by a solver in a present iteration. Each decision variable forming the subset is selected independently of other decision variables. The method includes determining a mutually exclusive complement of the subset. The subset and the complement are provided to the solver. The solver is configured to optimize the scheduling model to determine respective updated variable values of the subset, with each of the respective variable values of the complement being held constant by the solver in the present iteration.

(Fig. 3)