A. Zat

DETERMINING THE ORDER IN WHICH INDEPENDENT OPERATIONS ARE CARRIED OUT ON PARALLEL MACHINES

(Определение порядка выполнения независимых операций на паралельных машинах)

Техническая Кибернетика, (U.S.S.R.), № 2, 1969.

The author presents, as a method for solving a problem in the graph theory, the determination of the optimum graph for carrying out m independent operations on n parallel machines of different technical characteristics, provided the time of completion of all the operations for each machine and the time required by each machine for passing from one operation to another are given. The problem is formulated as a function of the determination , on the graph, of the extreme path admitted. The author gives the algorithm required for solving a numerical example.