

瓶頸有多機台的限制驅導式排程方法(DBR)研究

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摘要

Although the Drum-Buffer-Rope (DBR) Systems have been studied in these years, the DBR design method for the manufacturing environment with multiple machines in its bottleneck station is still lack. The bottleneck stations with multiple machines are generally in the industry, such as semiconductor wafer manufacturing plants, IC substrate manufacturing plants, or multilayer board manufacturing plants. The scheduling in such an environment, three issues will be confronted: (1) the sequence of orders, (2) the number of machines for an order, and (3) the selection of which machine for an order. A drum development method for manufacturing environments with multiple machines in its bottleneck station is then proposed. Additional, a numeric example is utilized to evaluate the application of the proposed method

關鍵字：TOC、DBR、BOTTLENECK