Job-Shop with Two Jobs and Irregular Criteria

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Abstract──We use the Akers-Friedman geometric approach to solve the two jobs job-shop problem when there is an earliness cost on the first operation and a tardiness cost on the last operation of each job. We then generalize the problem by imposing earliness and tardiness costs on each operation and finally, we solve it using a dynamic programming algorithm.

Keywords──Earliness-tardiness scheduling, Polynomial algorithm, Two-job job-shop

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