PRODUCTION DECISION SUPPORT USING ROUGH SETS THEORY

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Abstract

In the article an outline of the classic rough sets theory was presented. The main emphasis was put on explaining terms like: information system, indiscernibility relation, types of abstraction, upper and lower estimates of sets in approximation space and their numerical characteristics. In chapter three, there is an example illustrating the utilisation of the theory from chapter two in practice for controlling the process of polystyrene foaming.