

Anew method for part classification in group technology

January 2015

[M. Prabhu G. Karuppusami](#)

Abstract

In group technology by any known classification method there are many parts that cannot be handled and limit its application to parts that can be grouped together in a family reasonably well. The present paper provides a system and new method for engineering part classification that can be grouped in different categorize of family according to actual demands associated with design and manufacturing similarties. The new algorithm proposed results an industrial survey where different parameters for typical work piece where ranked in order of importance. The most important ones are candidates to be included in a classification system