ABSTRACT

In today's competitive market, the ability to quickly introduce new quality products is a decisive factor in capturing market share. In recent years, the concept of Concurrent Engineering (CE) has been proposed to overcome the problem. CE is a management technique to reduce the time-to-market in product development through simultaneous. One of the key tasks of Concurrent Engineering is to evaluate the manufacturability of products. Manufacturability evaluation plays an important role in integrated product and process development. The purpose of manufacturability evaluation is to provide enough manufacturing information in the design stage, in order to pinpoint incorrect design. The purpose of this research is to integrate manufacturability assessment index about cutting, establishing the manufacturability evaluation system. The paper presents informational requirements for manufacturability assessment to assist users in evaluating the manufacturability of products.

Keywords: [Insert Keywords]