

<<第十届工业管理国际会议论文集>>

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作者：王惠文，大崎纮 著

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前言

The International Conference on Industrial Management (ICIM) was jointly initialized by Beihang University (BUAA) and Japan Industrial Management Association Chugoku-Shikoku Branch (JIMA) . So far it has been convened for nine times successfully and has had a history of 20 years. In 1990, BUAA and JIMA signed an agreement lasting for 10 years on academic exchange in industrial management. The agreement stipulated to hold five times of Sino-Japan conference on industrial management, for exchange of the successful experience of industrial management in Japan and in China. Since 1991, once per 2 years, the conference has been held successfully for five times in China. When the agreement expired in 2000, both of BUAA and JIMA considered that this successful academic communication should be kept and enlarged, and decided to prolong the agreement to another 10 years, to continue organizing academic communication activity and convening international academic meeting. Afterwards, the sixth conference was held in Xi'an, China in September 2002, the seventh conference in Okayama, Japan in November 2004, the eighth conference in Qingdao, China in September 2006, and the ninth conference in Osaka, Japan in September 2008. More and more experts and scholars from China, Japan and other countries were attracted to attend these conferences, further raising the internationalization level of the conference. ICIM has now exerted significant influence in China, Japan and some other countries. It provides a high-quality platform for experts and scholars from various countries and regions to exchange the theory, practice and experience of industrial management, and plays a great role in promoting the development of industrial management in Chinese enterprises, and enhancing the friendships among experts and scholars in the field of industrial management in China, Japan and other countries.

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内容概要

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作者简介

编者：王惠文（日本）大崎纮

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SUPPLIER'S FAIRNESS PREFERENCE.....

章节摘录

插图：user plants with 126 cells and confirmed that dissemination is not broad and that many companies are struggling with issues related to implementation. They concluded that substantial benefits can be achieved from cellular manufacturing but that implementation is not simply a rearrangement of the factory layout; it is a complex reorganization that involves organizational and human aspects. They emphasized that most of the problems faced by companies implementing cells were related to people, not technical issues. Bopaya, et al presented an overview and evaluation of the diverse range of human issues involved in cellular manufacturing based on an extensive literature review, and further administered a survey to determine the importance of eight different human issues in cellular manufacturing. There are also some studies that use queueing theory or learning curve theory to investigate analytically the impact of learning on cellular shop performance, and use simulation method to validate the models. The objective of this paper is to make a statistical investigation of the impact of human factors such as learning and the aptitude of operators on performance of cellular manufacturing. The investigation is made by using multivariable analysis methods, and based on the assembly times measured during an experimental lesson entitled as Industrial System Laboratory.

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