Vol. 4, No. 1, 2007

Editorial Introduction
Guest Editors: Sérgio E. Gouvêa da Costa; Ricardo M. Naveiro and Guilherme E. Vieira

A control-monitoring-maintenance framework based on Petri net with objects in flexible manufacturing system
Eduardo R. Loures, Marco Busetti and Eduardo Portela

A multicriteria decision model for aggregate planning based on the manufacturing strategy
Adiel Teixeira de Almeida Filho, Fernando M. Campello de Souza and Adiel Teixeira de Almeida

Application of Nonlinear Models to Studies in the Ergonomics Area
Luiz Bueno da Silva, Anand Subramanian, Fernanda Diniz de Sá and Francisco Soares Másculo

Multiproduct supply chain – strategic planning and forecasting
Jose F. Zamora, Raymundo Q. Forradellas and Mauricio Camargo

The declining attractiveness of belt conveyor utilization in assembling operations and the trend of its replacement by work cell-based assembly systems: The case of a consumer electric products manufacturer in Brazil
Dario Ikuo Miyake, Renato de Lima Sanctis and Felipe Salomão Banci

Issue in the editing process and/or in press