

Structuring Supply Network and its Application to Chemical Industry

김영, 박선원*
한국과학기술원
(sunwon@kaist.ac.kr*)

A supply chain is a system of integrated activities; procurement, manufacturing, distribution, sales, and customer services. With the various entities, resources, and products included in this network, the conflicting objectives among them are the main obstacle to global optimization in a supply chain. To overcome this principal and inevitable problem, first and foremost, the supply network should have the clarified structure and material flows. In this study, a new approach for supply network representation is suggested, and its applications are shown.

Acknowledgement: this work is supported by Center for Ultramicrochemical Process Systems sponsored by KOSEF.