

Title	A Study of Matching Method between Industry Needs and Academic Researches
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Citation	
Issue Date	2007-11
Type	Conference Paper
Text version	publisher
URL	http://hdl.handle.net/10119/4134
Rights	
Description	The original publication is available at JAIST Press http://www.jaist.ac.jp/library/jaist-press/index.html , Proceedings of KSS'2007 : The Eighth International Symposium on Knowledge and Systems Sciences : November 5-7, 2007, [Ishikawa High-Tech Conference Center, Nomi, Ishikawa, JAPAN], Organized by: Japan Advanced Institute of Science and Technology

A Study of Matching Method between Industry Needs and Academic Researches

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Abstract

It can be said that the collaboration between industries and universities is a useful tool to make the university as the source of "Knowledge" activate the education and research and develop obtaining the trust of the society.

In addition, it is one form for the collaboration between business and academia to make the best use of the education and the fruition of one's studies as the obligation of the university for "Social contribution", and it is important for the university to clarify their meaning of existence, and to obtain the understanding and support of the people through this collaboration activities.

At the university, the coordinator being arranged by the organization is playing a center role of the support service for it. They contribute

for the matting activities between research seeds of the university and needs of the industry.

Though an actual matching activity shows infinite variety, success of matting between the research seeds of the university and needs of the industry are greatly depending on coordinator's judge ability and human network.

In this research, first it shows and analyzes the coordinator's current situation regarding their matting activities, and then it newly proposes the macro analysis technique using text mining which is using researcher's thesis and the patent data of the enterprise to give a solution to coordinator for improving their difficult situation.

Keywords: Industry-Academia collaboration, Matching method, Human network, Text mining