ON COMPLEXITY OF EMERGENCE, ADJUSTMENT AND EVOLUTION OF ENTERPRISE NETWORK

Qifan Wang^{1,2,,3}. Nong Li^{1,4}. Jianguo Jia^{2,4,1}.

(1 Tongji Development Institution, Tongji University; 2 School of Economics & Management, Tongji University; 3 School of Management, Fudan University; 4 Department of Applied Mathematics, Tongji University.)

Address: School of management, Fudan University, 200433, Shanghai, China E-mail: gfwang@fudan.edu.cn

ABSTRACT

An enterprise is a dynamic social network and its organization structure is the embodiment of this network. Based on vision and mission of enterprise itself, every network point is given the relative right and duty and an enterprise's development plan is also formulated according to its environment. In a changing and competitive environment, an enterprise adjusts its network based on changes in environment. This paper, through establishing a simple enterprise structure model, studied the emergence of enterprise network and its dynamic adjustment in a changing environment. And exploration of causes of network evolution was given with several cases of structure analysis and evolution.

KEY WORDS: Social Network, Enterprise Structure, Complexity, Dynamic Evolution