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We know that R&D investment is an important pre-requisite for convergence innovation, adding two supple-men tary variables: c_4 and c_5, which is the HI of R&D personnel and R&D expenditures, which reflect the situation of industrial convergence. 3. 2 The select of Indicators in the Information In-Dus trial Structure Systems The evolution of industrial structure is an ongoing process of high grade tends to have more of a phased and orderly. In this paper, we select five factors to represent the essential characteristics of internal structure of the in formation industry, which is the demand structure S_2, the technology structure S_1, the employment structure S_3, the trade structure S_4 and the out put structure S_5. Where these indictors are respectively indicated with labor productivity that is industrial added value of electronic information industry divided by the number of employees, the sales rate that is the out put value of electronic information product sales and in dus trial output ratio, the proportion of average employ ment of electronic information industry in the total employ es as a whole, the proportion of export delivering value in industrial output value; Industrial added value of electronic information industry in the overall industrial add-ed value. 3. 3 indicator Data Processing Firstly , industrial convergence subsystem data in 2005 was analyzed with factor analysis, and get the initial factor loading matrix see table 4. 1 . From the table, we can see that R&D expenditures convergence, research personnel convergence and market convergence has a hig her load factor on the first public factor; technology convergence and business convergence have a higher load factor on the second public factor. The weights eigenvectors corresponding to each indicator is defined as the data in initial load factor matrix divided by the corresponding square root of eigen values of each factor. Eigenvector multiplied by standardized data make sea chpublie factor score function, and take the proportion of eigen value of each public factor in the sum of eigen values as weight to calculate composite factor scores. For example, we get the factor scores of industry convergence in 2005, $C_a = 0.33z_c$, $+ 0.38z_c' + 0.4z_c' + 0.3z_c' + 0.29z_c$,. Weight tells technology convergence is the basic of industrial convergence; market convergence is the key to achieve industrial convergence. Only the technicall evel of convergence is very difficult to achieve real convergence on industry level.

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