

How Technology Import Improve the Enterprise's Innovation Capacity: The Mediating Role of Absorptive Capacity

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Abstract : Technology plays a key role in determining productivity and economy development in a country. The process of enterprises' innovation can be seen as a process of knowledge management including the process of knowledge attainment; acquisition and converting and integrating into new knowledge. This research analyzes the influence factors and mechanism of the independent innovation of high-tech enterprises in the year 1995-2013. The result shows that the technology import has a significant positive effect on the innovation capacity of enterprises. And the absorptive capacity, represented by the research outlay input and research staff input, has a significant positive effect on the innovation capacity of enterprises. Furthermore, the effect of technology import on the independent research capacity of high-tech enterprises is significantly positively affected by their absorptive capacity.

Keywords : technology import, innovation capacity, absorptive capacity, high-tech industry

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