



科研管理 » 2011, Vol. 32 » Issue (11) :45-51 论文 DOI:

[最新目录](#) | [下期目录](#) | [过刊浏览](#) | [高级检索](#)

[<< Previous Articles](#) | [Next Articles >>](#)

知识链组织研究与开发两阶段投入决策研究

吴绍波¹, 顾新²

1. 重庆工商大学商务策划学院, 重庆 400067;
2. 四川大学工商管理学院, 四川 成都 610064

The investment decision model of knowledge chain at the two stages of research and development

Wu Shaobo¹, Gu Xin²

1. School of Strategic Planning, Chongqing University of Technology and Business, Chongqing 400067, China;
2. School of Business, Sichuan University, Chengdu 610064, China

[摘要](#)

[参考文献](#)

[相关文章](#)

Download: [PDF \(1195KB\)](#) [HTML 1KB](#) Export: [BibTeX](#) or [EndNote \(RIS\)](#) [Supporting Info](#)

摘要 本文分析了在知识链组织研究与开发协作中,基础阶段的研究由代理组织承担,应用开发阶段的创新由核心企业完成的投入决策过程。研究表明:在序贯博弈情形下,核心企业所获得的收益越多,基础研究阶段的投入产出的弹性系数越高,核心企业对代理组织的补贴越多;核心企业和代理组织在合作博弈情形下比序贯博弈情形下所投入的研发费用更多;此外,合作博弈所产生的创新收益增量部分的合作租金的分配比例与风险厌恶程度负相关,与讨价还价能力无关,合作租金的溢价补贴部分与风险规避程度、讨价还价能力同时相关。

关键词: 知识链 研究与开发 投入决策

Abstract: The inputting decision process of research and development collaboration between the core enterprise and the agent in the knowledge chain is analyzed. In the collaboration process, the agent takes the responsibility of research in the basic stage and the core enterprise undertakes the innovation in the application and development stage. The research indicates that the higher the research stage benefits the core enterprise gains, the higher the elastic coefficient of input-output at the research stage is, the core enterprise gives more subsidies to the agent under sequential game. Both the core enterprise and the agent are willing to invest more under cooperative game than that under sequential game. Moreover, the distribution coefficient of cooperative rent from incremental innovation income produced by cooperative game is negatively correlated to the risk aversion degree, and it has nothing to do with the bargaining ability, meanwhile, the premium subsidy has a positive correlation to the risk aversion degree and the bargaining ability.

Keywords: knowledge chain research and development investment decision

Received 2010-03-22;

Fund:

国家自然科学基金资助项目“基于知识链的知识网络的形成与演化研究”(批准号70771069,起止时间:2008.1-2010.12);教育部新世纪优秀人才支持计划资助项目“知识链组织之间的冲突与冲突管理研究”(批准号NCET-06-0783,起止时间:2007.1-2009.12);重庆工商大学人才引进科研启动经费项目“知识链组织之间的合作机制研究”(批准号2010-56-15,起止时间:2010.9-2011.12)。

About author: 吴绍波(1979-),男(汉),四川南充人,重庆工商大学商务策划学院讲师,管理学博士,研究方向为技术创新管理。

顾新(1968-),男(汉),四川郫县人,四川大学教授,博士生导师,管理学博士后,经济学博士,主要研究方向为企业管理、技术经济及管理。

引用本文:

吴绍波, 顾新. 知识链组织研究与开发两阶段投入决策研究[J] 科研管理, 2011, V32(11): 45-51

Wu Shaobo, Gu Xin. The investment decision model of knowledge chain at the two stages of research and development[J] Science Research Management, 2011, V32(11): 45-51

Service

- [▶ 把本文推荐给朋友](#)
- [▶ 加入我的书架](#)
- [▶ 加入引用管理器](#)
- [▶ Email Alert](#)
- [▶ RSS](#)

[作者相关文章](#)