بخشی از ترجمه مقاله
عنوان فارسی مقاله:
اثر اتخاذ های (پذیرش های) راهبردی فناوری توسط شرکت های محلی در گسترش فن آوری

عنوان انگلیسی مقاله:
The effect of strategic technology adoptions by local firms on technology spillover

توجه!
این فایل تنها قسمتی از ترجمه میباشد. برای تهیه مقاله ترجمه شده کامل با فرمت ورد (قابل ویرایش) همراه با نسخه انگلیسی مقاله، اینجا کلیک مایید.
7. Concluding remarks

Over the last several decades, the inconsistent evidence regarding positive technology spillover has been one of the controversial topics of FDI. Among the many potential explanations for the lack of technology spillover, the more popular ones point to the heterogeneous absorptive capacity of local firms and the technological gap. However, it seems that our understanding is still incomplete regarding the roles of absorptive capacities and the technological gap in technology spillover because the strategic decisions by local firms to adopt diffused technology has been ignored in previous studies.

This study examines the role of local firms’ strategic adoption of multinationals’ technology in terms of technology spillover. To do so, we construct a simple theoretical model by combining the models of technology adoption and technology spillover through backward linkage. With this new model, we show that if the technological gap is large between the multinational and local firms, it is possible that the local firms will not adopt the diffused technology as they want to avoid competing with the multinational firm. Furthermore, given the technological gap, if local firms have a greater absorptive capacity to absorb the diffused technology, the probability of technology spillover increases. Additionally, we apply the model to analyze the effect of local content requirements (LCR). The analytic result shows that LCR may fail to enhance technology spillover because these do not encourage technology adoption by local firms. Under LCR, here again, local firms may not adopt the diffused technology to avoid competing with the multinational firm in the local market.