innovations

nonproprietary innovations

Säilytyspaikka-Förvaringsställe-Where deposited

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Tiivistelmä-Referat-Abstract		
_		he context of endogenous growth models. Nonproprietary
* * *	-	of their growth effects is motivated by a recent demonstration
by Gilles Saint-Paul that for plausible parame	eter values they reduce the growth rate	e in an endogenous growth model. The thesis contains short
discussions of the history OS software, the ea	arlier theoretical and empirical literatu	re concerning with the motives of its producers, and some
earlier endogenous growth models. After the	presentation of this background inform	mation, two different ways of implementing nonproprietary
innovations into an endogenous growth mode	el are contrasted with each other in it.	The first of these is the model which is due to Saint-Paul. In it
growth is caused by specialization, and nonpi	roprietary innovations are produced by	y "philanthropists" who do not participate in the economy in
other ways. However, it is pointed out below	that OS software is often produced by	r employees of the IT sector or IT students, and that currently
-		it would be more natural to assume that growth was caused
		ntroduction of the other considered model. It is a model of
-		situation in which nonproprietary innovations are produced by
		es of the research sector produce nonproprietary innovations as
	~ *	luction positively. An analysis of the latter model shows that
		arough creative destruction. However, it also turns out that
-	-	-
		t, they do promote economic growth for plausible parameter
values in the context of the latter model, prov	ided that the research sector is not too	capital intensive.
Avainsanat-Nyckelord-Keywords		
endogenous growth theory		
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