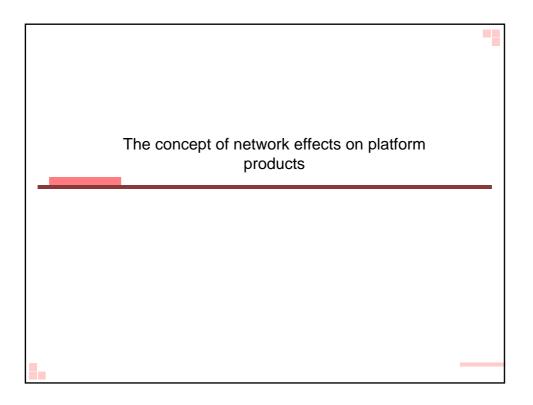
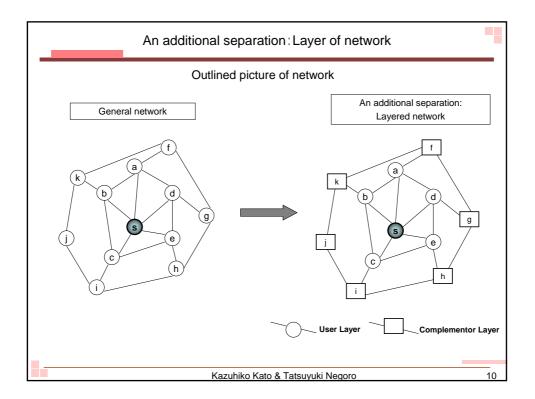
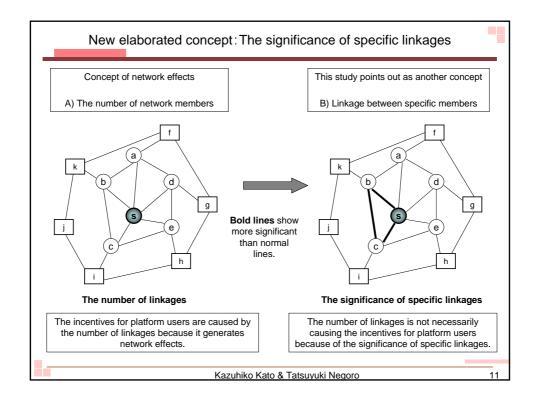


Definition of platform products
The definition of platform product on this paper is as follows,
 "Platform product is a "core" product (hardware, software or services) which positions inside complex products with layered structure." Negoro, T. & Kato,K.(2006) partly revised.
Source: Negoro,T & Kato,K.(2006) "A Critical Development of the Four Levers Framework on Platform Leadership by M. A. Cusumano & A. Gawer", <i>RIIM, Waseda Univ. Working Papers</i> ,No.18.2006.p14
 As another reference, the term of platform is explained by Cusumano, M.A as follows,
 The term "Platform" can refer to a foundation product that has the most value when it works as the core of a system of components made by one or more firms.
Source: Cusumano,M.A.(2004)."The business of software", <i>Free Press</i> , p.74
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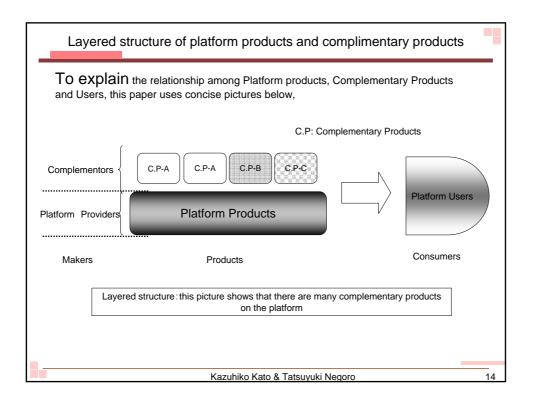


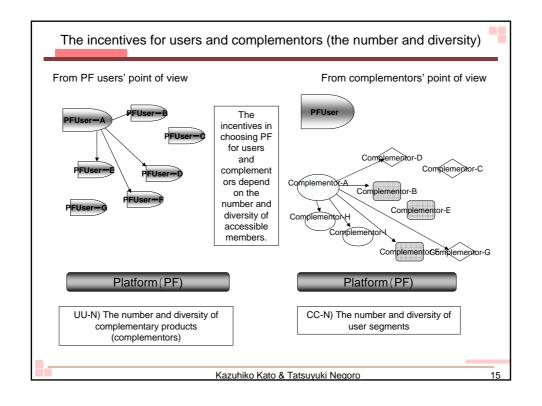


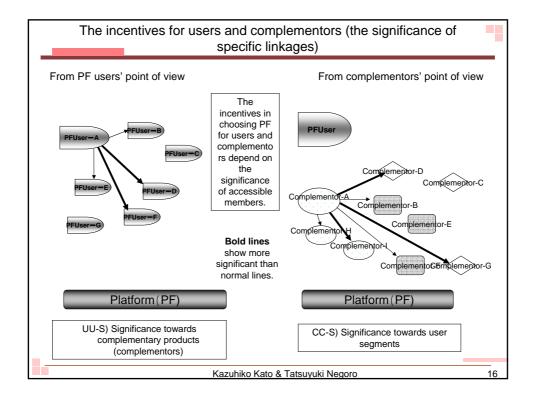


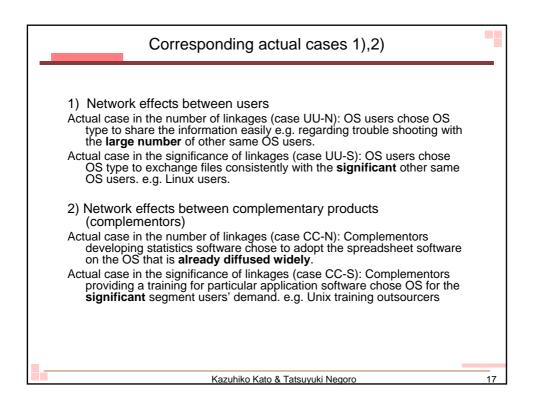
types of network effects between layers	1) Network effects between users : The increase of platform products' users causes network effects between users		
1) Network effects between users	2)Network effects between complementary product (complementors) :		
2) Network effects between complementary products (complementors)	The increase of platform products' users causes network effects between complementary products (complementors).		
3) Network effects between a user and complementary products (complementors)	3)Network effects between a user and complementar products (complementors): The increase of complementary products and complementors caused by the increase of platform		
4) Network effects between a complementary product (complementor) and users	 4) Network effects between a complementary product (complementar) and users : 		
	The spread of users caused by the increase of platform products generates network effects to complementors.		

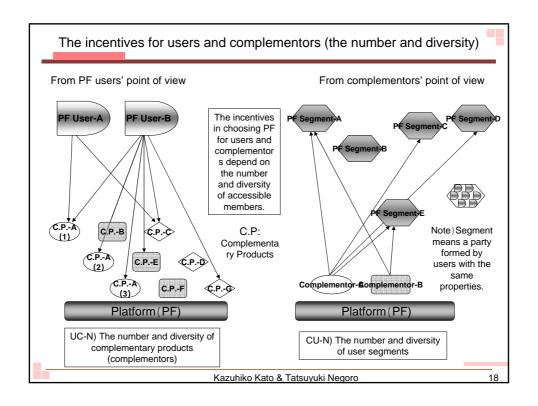
Perspective 8 codes on	Views/m odels	The number and diversity of linkages	The significance of linkages	For example, UU-N stands for User to	
this study	1	UU-N	UU-S	User in terms of	
	2	CC-N	CC-S	Number. CU-S stands for a Complementor	
	3	UC-N	UC-S	to Users in terms of	
	4	CU-N	CU-S	Significance.	
 view, the incentives in choosing platform depend on the number and diversity of other accessible users. CC-N explains that from platform complementors' point of view, the incentives in choosing platform depend on the number and diversity of other accessible complementors. 			view, the incentives in choosing platform depend on the significance of other particular accessible users. CC-S explains that from platform complementors' point of view, the incentives in choosing platform depend on the significance of other particular accessible complementors.		
UC-N explains that from platform users' point of view, the incentives in choosing platform depend on the number and diversity of other accessible complementary products (complementors).			UC-S explains that from platform users' point of view, the incentives in choosing platform depend on the significance of other particular accessible complementary products (complementors).		
CU-N explains that from platform complementors' point of view, the incentives in choosing platform depend on the number and diversity of other accessible users.			CU-S explains that from point of view, the incentiv depend on the significan accessible users.	, ves in choosing platform	

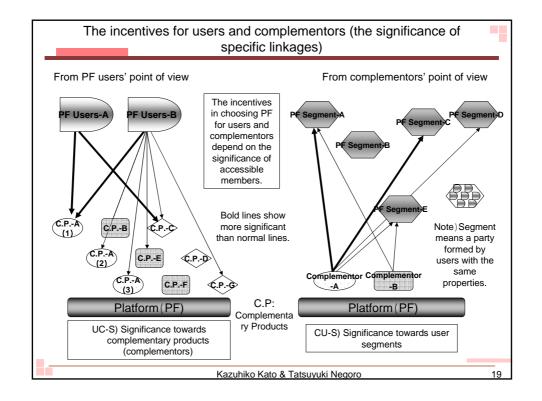


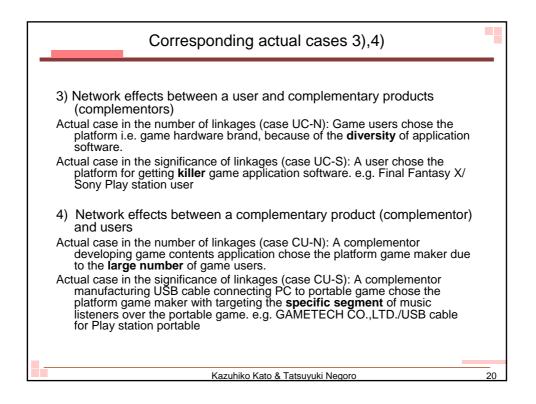


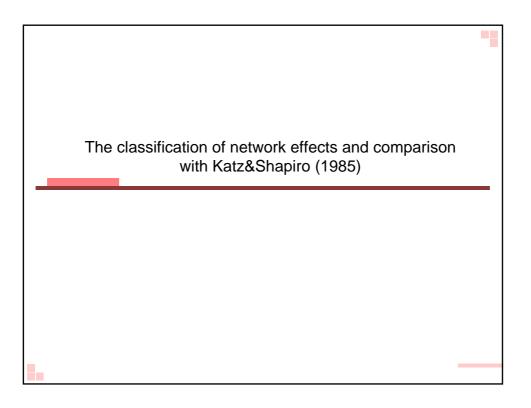




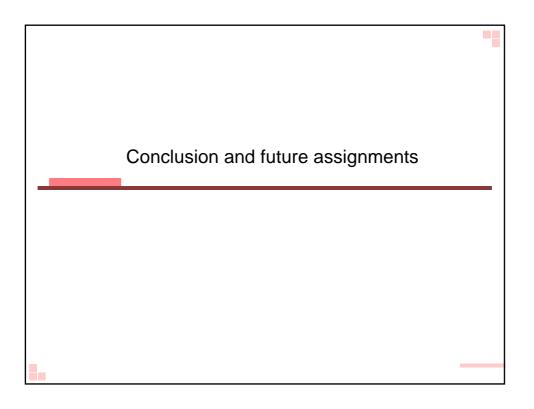


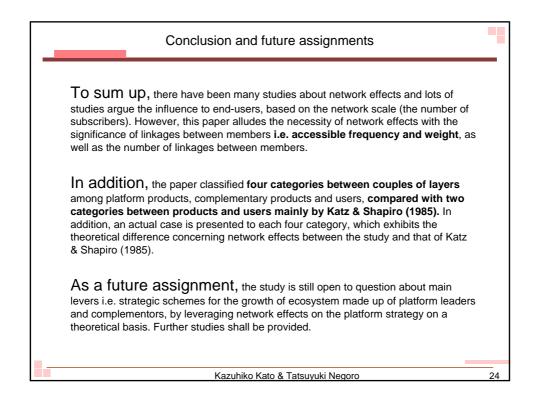


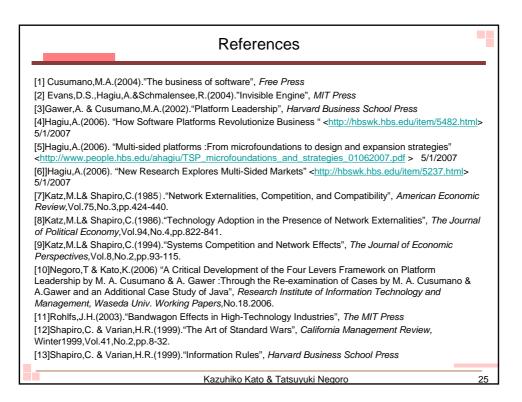


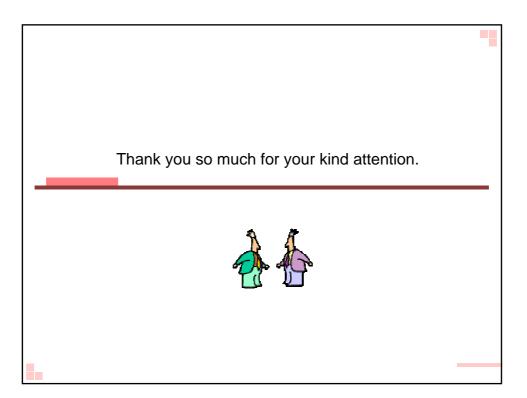


		1	
Classification on this study	Place where exhibits network effects	Factor bringing effects	Katz&Shapiro's classification
1) Network effects between users	Between users	The number of platform products' users	Direct physical effects
2) Network effects between complementary products	Between complementary products (complementors)	The number of platform products' users	None
 Network effects between a user and complementary products (complementors) 	A user and complementary products	The number and diversity of complementary products (complementors)	Indirect effects
4) Network effects between a complementary product (complementor) and users	A complementor and users	The number and diversity of end-users and user segments	None

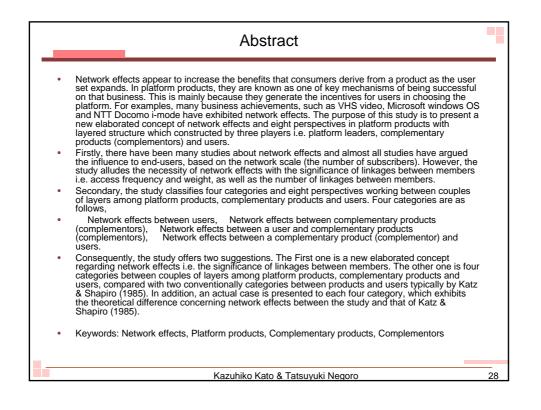


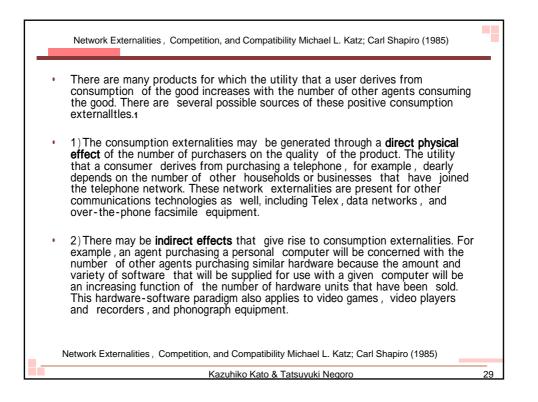


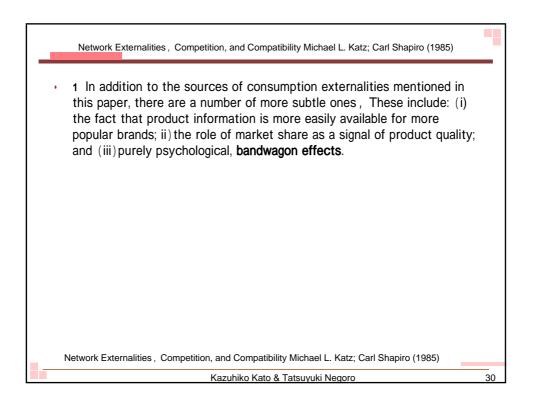












Classification on this study	Place where exhibits network effects	Factor bringing effects	Substance of effects 'example	Actual cases in case of the number of linkages	Example:Whi ch to choose?
Network effects between users	Between users	The number of platform products' users	Sharing complementary products and its information with other users	MS-Word users chose to continue the same OS as complementary products in a system renewal to share applications, and information	Word OR Ichitaro ?
Network effects between complementary products	Between complementary products (complementors)	The number of platform products' users	Offering complementary products of its own with tie-in other complementary products	regarding OS with others. Complementors developing statistics software chose to adopt the spreadsheet software that is already diffused widely.	Excel OR Lotus 1-2-3 ?
Network effects between a user and complementary products (complementors)	A user and complementary products (complementors)	The number and diversity of complement ary products (complement ors)	Getting the number and diversity of accessible complementary products (complementors)	Game users chose the platform i.e. game hardware brand, because of the diversity of application software.	Sony Play station OR Microsoft Xbox ?
Network effects between a complementary product (complementor)	A complementary product (complementor) and users	The number and diversity of end-users and user segments	Getting the number and diversity of accessible users and user segments	Complementors developing portable game contents application chose the platform game maker due to the number of game users.	Sony PSP OR Nintendo DS ?

Classification on this study	Place where exhibits network	Factor bringing effects	Substance of effects' example	Phenomenon in the case of the significance of specific linkages	Examples: Actual cases
Network effects between users	effects Between users	The number of platform products' users and access significance	Sharing complementary products and its information with other significant users	Prevalence (or survival) of platform between specific significant users even it has small number	A user adopts the same application with partners because they are using only Ichirato
Network effects between complementary products (complementors	Between complemen tary products (compleme ntors)	The number of platform products' users and access significance	Offering complementary products of its own with tie-in other significant complementary products	Prevalence (or survival) of platform between specific significant complementary products even it has small number	A complementor releases integrated software; Lotus Supe Office for niche long- standing users
Network effects between a user and complementary products (complementors)	A user and complemen tary products (compleme ntors)	The number and diversity of complementary products (complementors) and access significance	Securing the accessibility of significant specific complementary products and (complementors)	Prevalence (or survival) of platform between a user and specific significant complementary products even it has	A user chooses Sony Play station for getting killer game application software. e.g. Final Fantasy X
Network effects between a complementary product (complementor) and users	A complemen tary product (compleme ntor)and users	The number and diversity of end- users and user segments and access significance	Securing the accessibility of significant specific users and user segments	Small number Prevalence (or survival) of platform between a complementor and specific significant users even it has	A complementor developing a cooking recipe application choose Nintendo DS with targeting the segment of