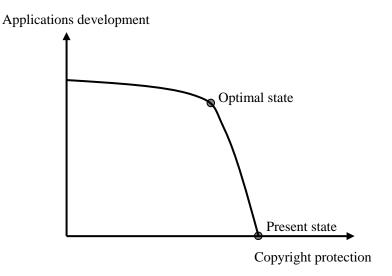
Platforms for the Development of Digital Television Broadcasting and the Internet in Japan (Figures)

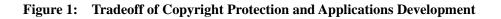
To be presented at

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Hajime Oniki

Osaka-Gakuin University (Japan)





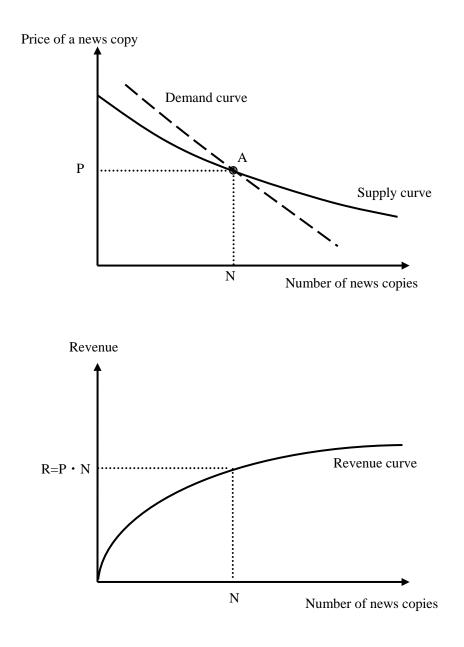


Figure 2a: An Example of Transaction of Copies of DTV News

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1.	Video Characteristics					
	Title: Morning News	Class.: General News				
	Broadcast by: XYZ Network, Inc.	at: Tokyo and other locations				
		on: 02/15/2005				
		time: 9:00-10:00AM				
		duration: 45 min				
	Commercials: not included					
2.	Supply-Price Schedule					
	Price per Copy (yen) N	o. of Copies registered for sale				
	1.000	~5,000				
	700	~1,000				
	500	~2,000				
	310	~5,000				
	220	~10,000				
	160	~20,000				
	100	~50,000				
	80	50,000~				
3.	Current Registration for Purchasing a Copy					
	No. of Copies for Effective Purcha					
	No. of Copies Delivered:	0				
	Price Currently Bid:	310 yens				
	Closing Time of Current Offer:	Noon, 2/16/2005				
4.	Conditions for Copy Utilization					
	a. Must use equipment with B-CAS compliance					
	b. Utilization Type: A2					
	(1) May retain single copy for viewing;					
	Duplicate copies not allowed.					
	(2) May cut and use any portion(s) of video, but only one cut is allowed.					
	Duplicating cut portion(s) not allowed.					
	Cut portion(s) will be removed from the original video; the original					
		d by the (total) length of cut portion(s).				
	(5) Any video to which cut por	tion(s) of the original video are pasted may no				

Figure 2b: Example of Descriptor of News Video for Sale

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Services	Telephony	Internet	Cable TV	Broadcast	Mode of Supply	
Contents	(Contents of telephone and fax)	E-mails, Web	Br	oadcast Contents		
Networking	Voice Transmission	IP-Packet Transmission	Cable Transmission	Broadcasting	Competitive	
Media	Electric current, Optical rays		Spectrum			
Media	Twisted and coaxial cables, Optical fibers		(Antennas)			
Equipment Structures	Tunnels, Tubes, Poles, etc		s, etc.		Monopolized	
and Spaces	Terrestrial (physical) spaces			spectrum spaces		
Infrastructure	<i>Infrastructure</i> Wired		Wireless			

Figure 3: The Layers Structure of the Services for Information Transmission

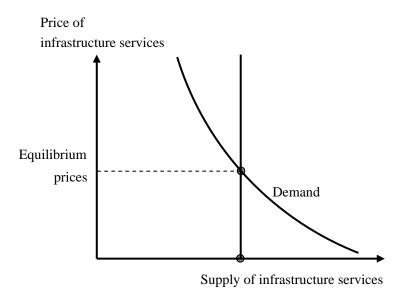


Figure 4: Equilibrium Price of Infrastructure Service

Services	Economic units	Mode of supply	
Final demand	Consumers, Firms, Governments, P		
Content supply	t supply video contents, news agencies, advertising agencies, etc.)		Competitive
Information Transmission	Network-service providers (broadcast, telephone, access, backbon		
Infrastructure	Supply of infrastructure for informa (wired, wireless)	Monopolized	

Figure 5: The Structure of IT Industries under Vertical Separation