1.			
	가 가 ,		
,	,	,	가
	·	,	,
,			
		가	
·		71	
2.			
	가 .		가
2.1.			
	, 2	1970	
	GDP		•
	(comr	nodity chemicals)	
		가가	
	가	. 1970	
	,	가	
. 1		. 1948	1969
	20% 가	. 1	989 5%

(margin)

Table 1. Change in the Chemical Industry

Growth of Textile Fibers (10⁶ lbs/year)

1969

1989

1948

Fiber

Cotton, wool	4353	4285	4	794			
Synthesis	92	3480	8	612			
Source: Spitz(1998); U.S. Department of Commerce							
		, 가					
		•	71				
		,	가 가				
	•			,			
가			가				
71.71	가		. ,	27.5			
가가 Kodak, Dow, Fuji				. 3M,			
자아네AK, Bow, Tuji 가가				가가			
		,					
	. ,	Fuji Konica					
TAC CL.		가가					
TAC film	가가		•				
, ,							
		. 1970					
	•			가			
가		· , 가		가			
·		,					
		가	. 1				

.

, specialty chemicals,

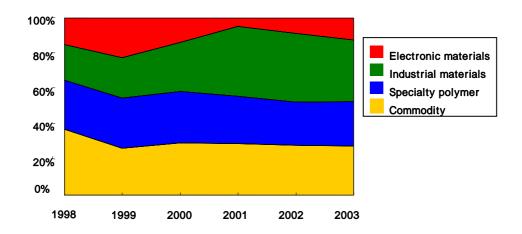


Figure 1. Sales ratio of chemical company

.

2 1990 10 2000 가 가 3 가 1990 2000 29% 가 2.2. 가 . 1990 (IT), (NT), (BT),

(ET) . , 가 , , 가 OLED .

가 . ,

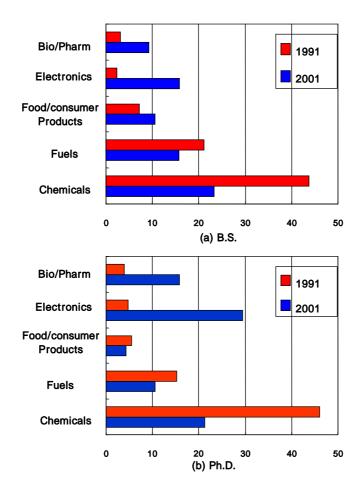


Figure 2. Distribution of industry placements of B.S. and Ph.D. graduates in the U.S.

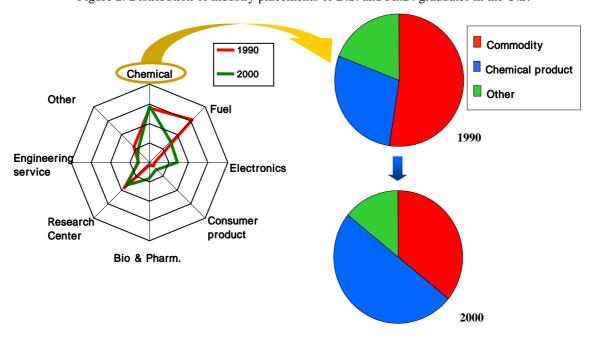


Figure 3. Distribution of industry placements of M.S. and Ph.D. graduates

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