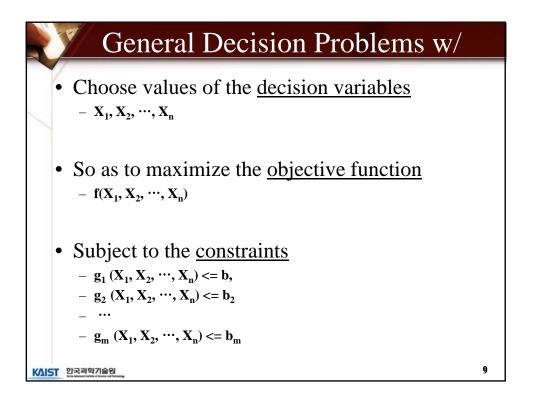
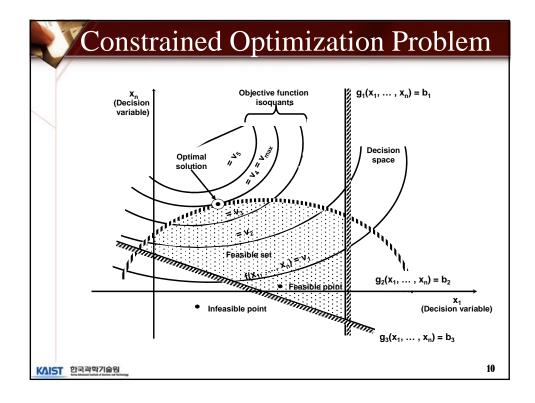
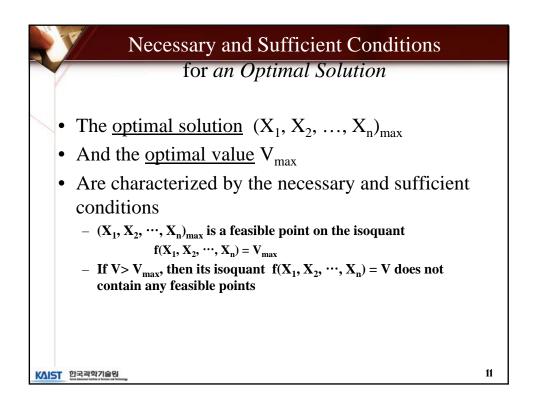
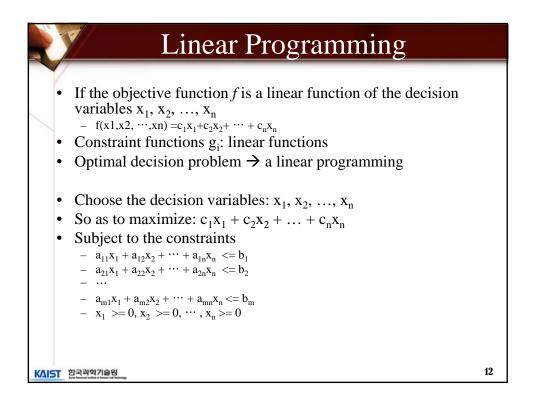


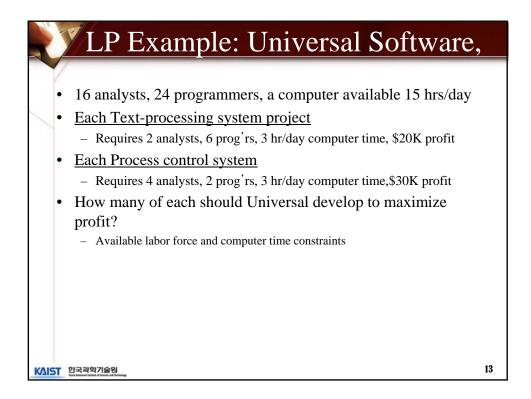
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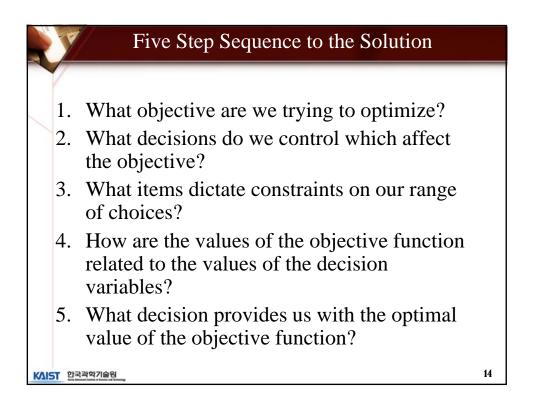


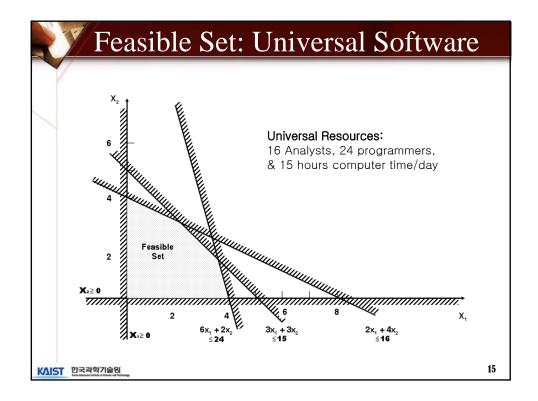


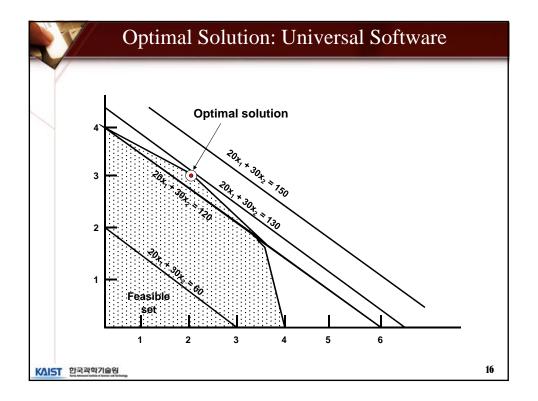




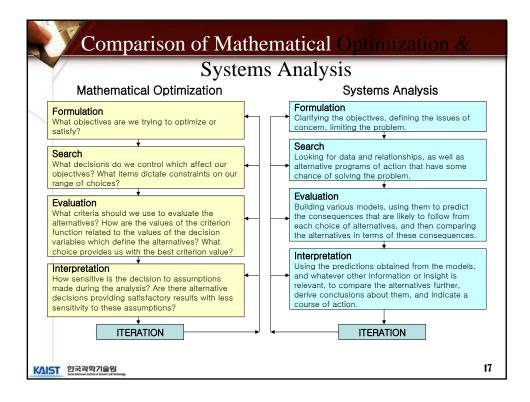


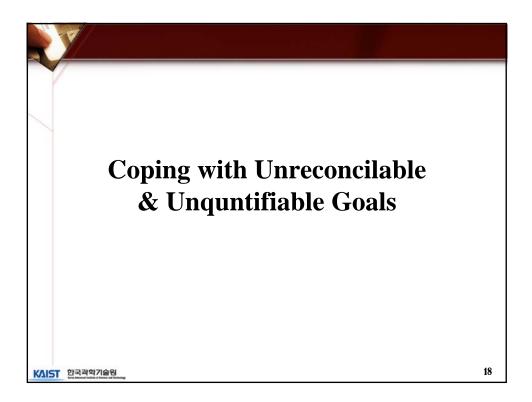


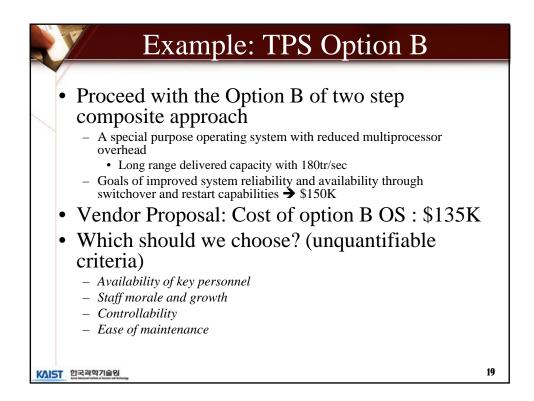




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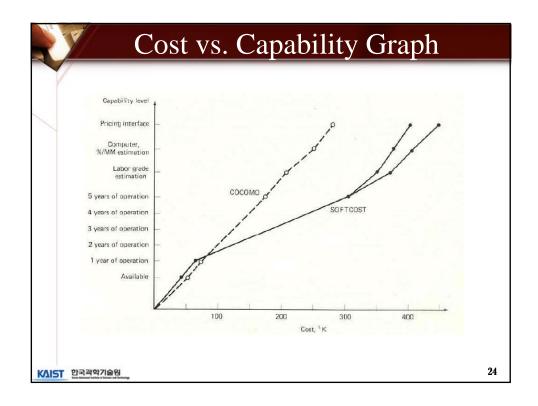


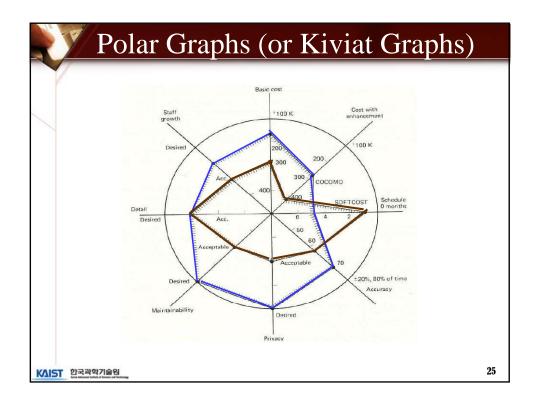
Presentation	Techn	iques	
• Unquantifiable criteria			
	#CRIT	#ALT's	
– Criterion summaries	2-10	2-3	
– Preference table	2-20	2-5	
– Screening matrix	5-30	2-10	
Mixed Criteria			
– Tabular methods			
– Cost vs. capability graph			
– Polar graph			
– Bar charts			
KAIST 한국과학기술원			20

Preference Table							
In-House Development	Vendor Development						
 Vendor development involves procurement costs and delays Provides career growth for in-house personnel Provides expert staff for maintenance More control over system development directions 	 Costs \$135K (versus \$150K for in-house) Frees in-house personnel for other tasks Provides superior measurement and diagnostic capabilities 						
 Also called "pros & cons Provides a good deal mornakers May be cumbersome with alternatives and a large mathing 	re focus for decision- a large number of						
AIST 한국과학기술원	21						

<i>.</i>	RATING SCALE	_								
	CRITERIA ALTERNATIS									
	unimportant unacceptabl			and the second	105- 1	./.	//	//	/	
	- optional marginal important acceptable		and Soil	Start a	Sal Sal	//	//	//	/	
	*** critical strong	_ /	350 35	133	58	//	//	//		
		Inst	1%	no superio and	Starter Stratestar	//	//	/		
	COST			[[Í		T T			
	Dollars - acquisition Dollars - operation						+ +			
	Schedule							_		
	Key personnel									
	Other:				-					
	EFFECTIVENESS		-				-			
	Functions:									
	Diagnostics				+ +				-	
	Performance Masuman	8 × *	**							
	accounting System	•								
	Throughput Response time			**						
	Accuracy	2.000	••		+ +	_				
	Ease of use					_	+			
	Ease of maintenance				+ +					
	Staff morals and growth		***	-	-	-				
	Sales potential				1	-				
	Reputation				1					
	Side effects/Other:									
						-				
	RISK									
	Technology	•	_			_				
	Availability/Reliability				+					
	Controllability Other:				+					
		I II.			1 1		1			

	Desired	6 a cantolula	Expecte	Hating			
Objectives Value		Acceptable Value	COCOMO	SOFTCOST	C	S	Imp
Five-year life-cycle cost	\$150K	\$325K	\$179-284K	\$295-430K	•••		
Acquisition cost	25K	75K	55K	45K	••	**	
Five-year O&M cost	125K	250K	124-229K	250-385K		•	
Accuracy	± 20%, 80% of time	± 20%, 66% of time	72%	50-75%	••	•	
Privacy	In-house control	Proven third party	In-house	Third party		•	
Schedule (months)	3	9	5	1	4.4	1.1.2	
Maintainability	In-house control	2x in-house cost, response	In-house	2x in-house	***	•	••
Detail	By phase, activity, subsystem, labor- grade, dollars./ MM	By phase, sub- system	By phase, activity, subsyst, MM	By phase, dollars, some activity			
Staff growth	In-house cost exper- tise	Basic knowledge	Potential expertise	Basic			
Acronyms: O&M: Opera MM: Man-r K: Thous Imp: Impor	ands	***: Desired or **: Intermediat *: Acceptable Unacceptat	e				





CRITERION	сосомо	SOFTCOST
Basic cost		
Cost with enhance.		
Schedule		
Accuracy		
Privacy		
Maintainability		
Detail		
Staff growth		

