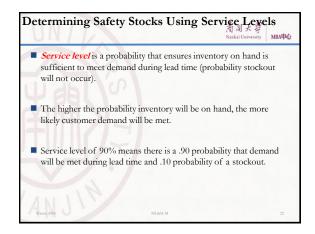


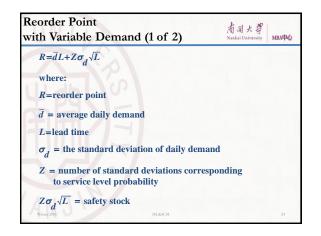


Winter, 2016

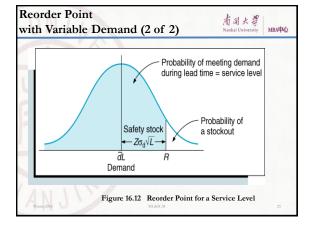


Four classic R	古間大學 DP Models Naskat University MBA中心
Const. d + const. L $R = d L$	var. d + const. L $R = \overline{d}L + Z\sigma_d \sqrt{L}$
Const. d + var. L	var. d + var. L
$R = d\overline{L} + dZ\sigma_L$	$R = \overline{dL} + Z\sqrt{\sigma_d^2 \overline{L} + \sigma_L^2 \overline{d}^2}$
Anna J	d daily demand L Lead time

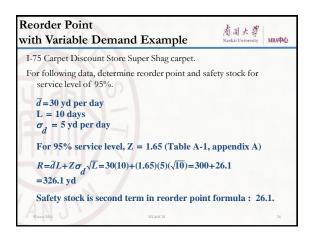




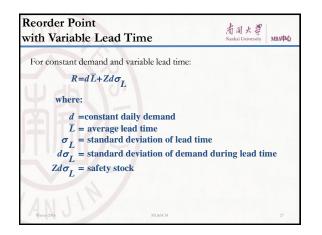




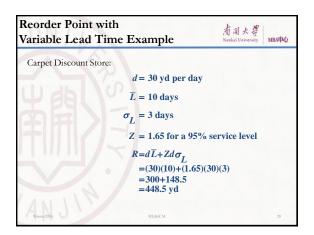




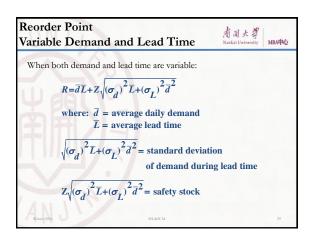




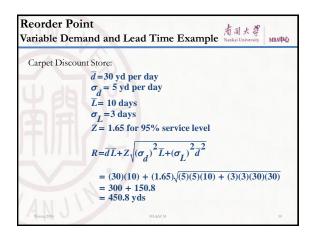




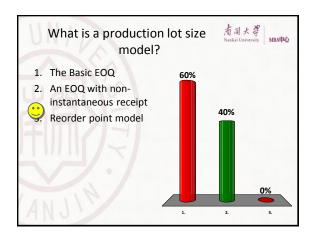




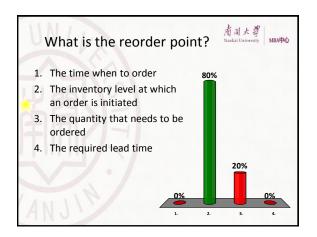




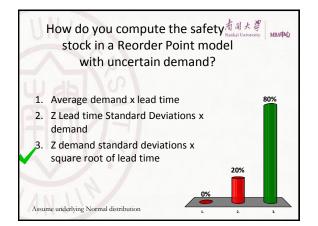




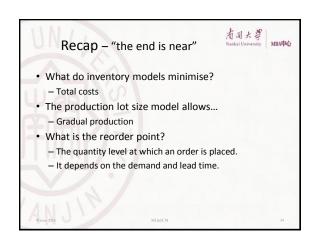




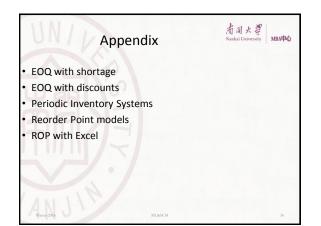


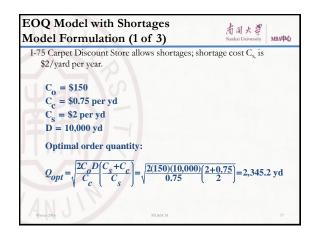




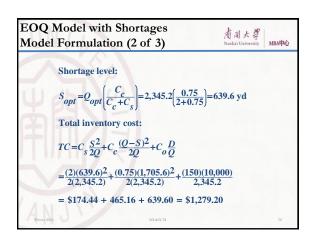




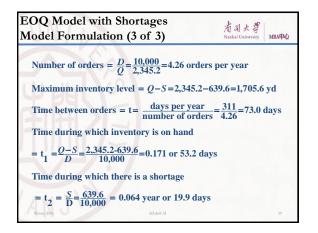




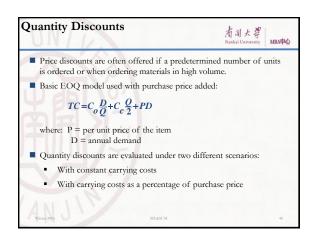


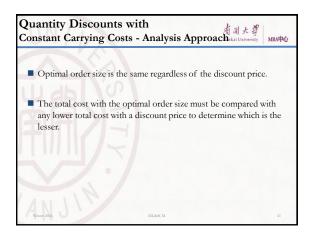


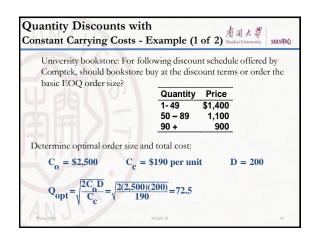




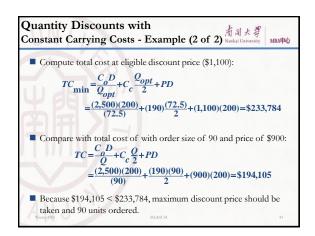


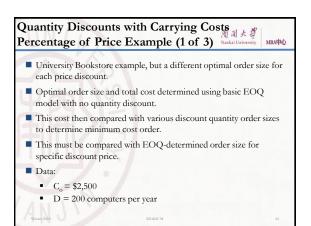


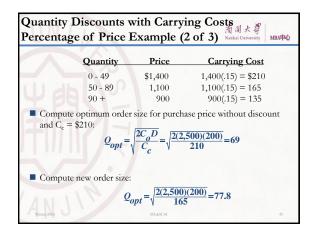




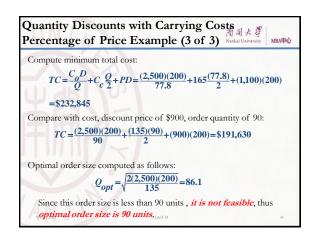




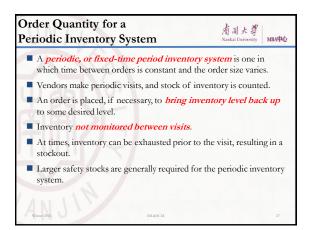


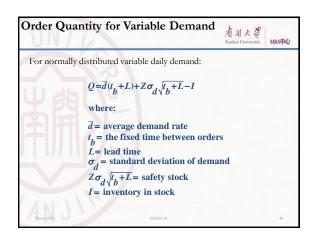




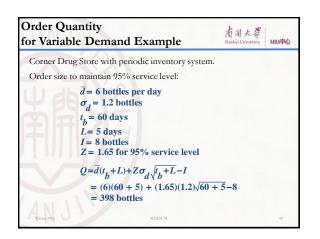




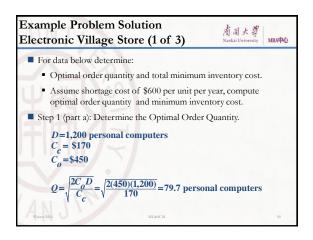




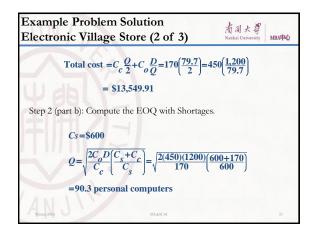








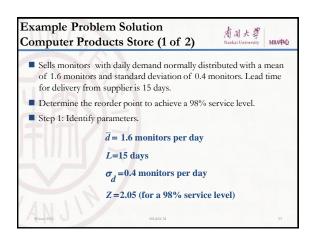


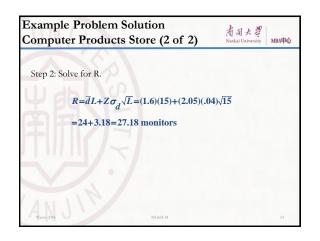




Example Problem Electronic Village		有周大學 Nankai University MBA中的
$S = Q\left(\frac{C_c}{C_c + C_s}\right) = 9$	$0.3\left(\frac{170}{170+600}\right) = 19.9 \text{ per}$	rsonal computers
Total cost = $\frac{C_s S}{2Q}$	$\frac{2}{2} + C_c \frac{(Q-S)^2}{2Q} + \frac{C_o D}{Q}$	
$=\frac{(600)(19.9)^2}{2(90.3)}+17$	$0\frac{(90.3-19.9)^2}{2(90.3)}+450\left(\frac{1}{9}\right)$	$\frac{200}{0.3}$
= \$11,960.98		
ANJIN	MINEN	5









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1			Variable	Demand for I-	E 75 Diaco	and the second	G	-
2	Reorder	Foint with	I variable	Demand for I-	10 Disco	unit Carp	Jet Store	
3		A	werage da	aily demand =	30	1		
4				rd deviation =	5	1		
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$\sim$		Excel					Nankai University	MBA中
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1	Corner Drug St	ore: Fixed Per	iod Mode	el with Var	riable Dem	and		
3	Average	demand rate =	6	bottles pe	er dav			
4	Time be	60	days	, ouy				
5		Lead time =		days				
	Standard deviation			bottles				
7		Safety stock =		bottles				
8	Inve	ntory in stock =	8	bottles				
10		0 -	397.96	bottlee				
11		Q -	001.00	Toomes				

