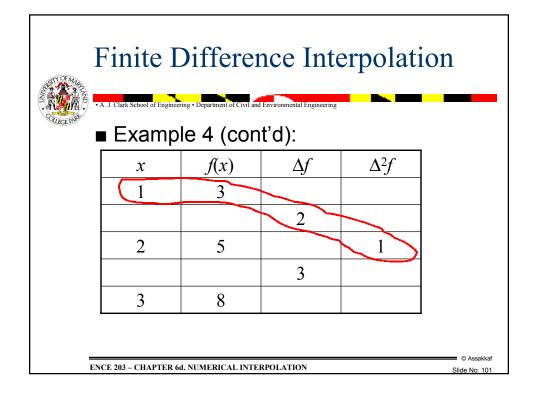
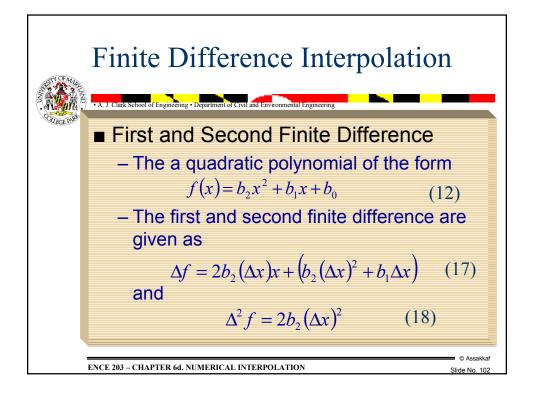
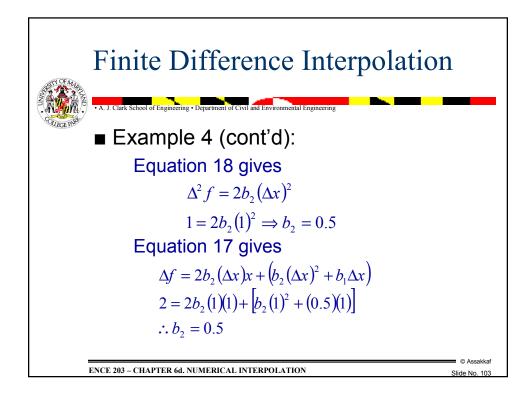
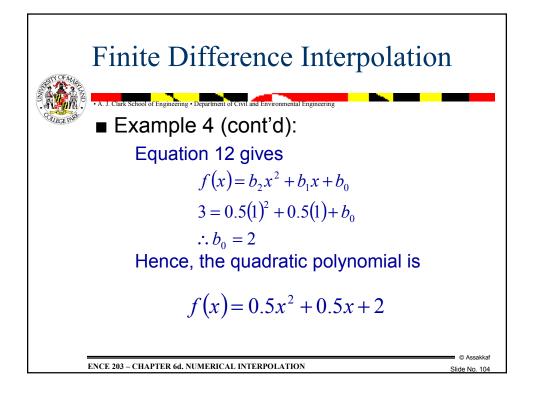


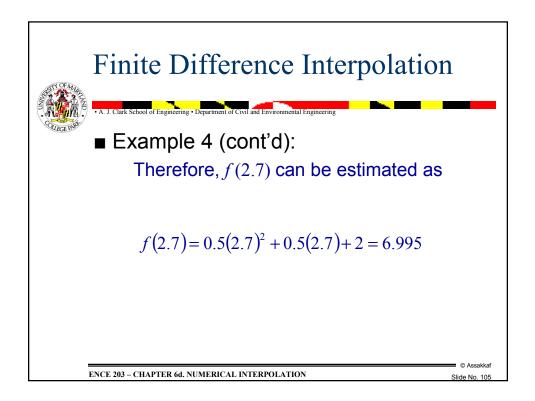
x	f(x)	Δf	$\Delta^2 f$	$\Delta^3 f$		$\Delta^n f$
x	f(x)					
		$\Delta f(x)$				
$x + \Delta x$	$f(x + \Delta x)$		$\Delta^2 f(x)$			
		$\Delta f(x + \Delta x)$		$\Delta^3 f(x)$		
$x + 2\Delta x$	$f(x+2\Delta x)$		$\Delta^2 f(x + \Delta x)$			
		$\Delta f(x+2\Delta x)$		$\Delta^3 f(x + \Delta x)$		
$x + 3\Delta x$	$f(x+3\Delta x)$		$\Delta^2 f(x + 2\Delta x)$			
		$\Delta f(x + 3\Delta x)$		$\Delta^3 f(x+2\Delta x)$		
			$\Delta^2 f(x + 3\Delta x)$			
:	:	:	:	:	:::	$\Delta^n f(x)$
<i>x</i> +(<i>n</i> -2)∆ <i>x</i>	$f[x+(n-2)\Delta x]$		$\Delta^2 f[x + (n-3)\Delta x]$			
		$\Delta f[x + (n-2)\Delta x]$		$\Delta^3 f[x + (n-3)\Delta x]$		
$x + (n-1)\Delta x$	$f[x + (n-1)\Delta x]$		$\Delta^2 f[x + (n-2)\Delta x]$			
		$\Delta f[x + (n-1)\Delta x]$				
$x + n\Delta x$	$f(x + n\Delta x)$					

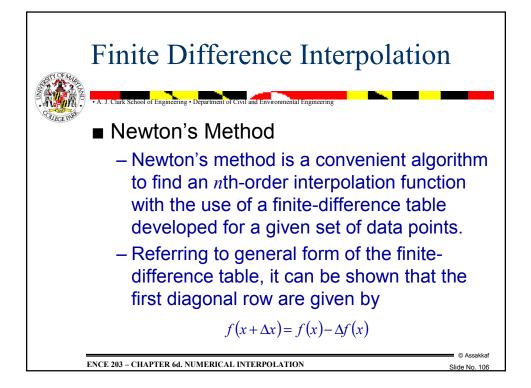




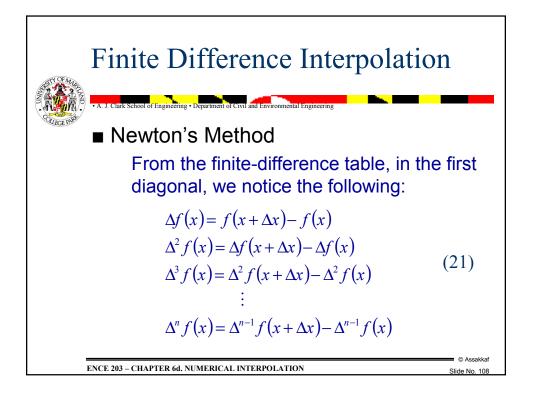


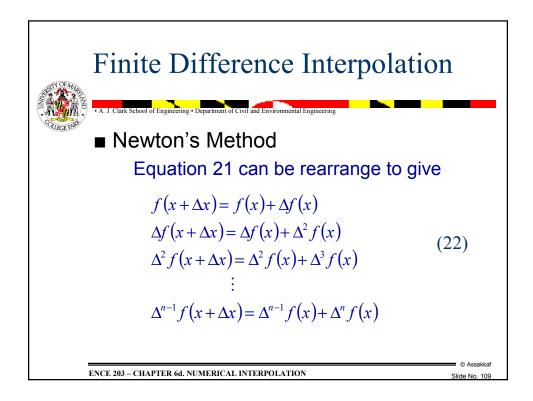


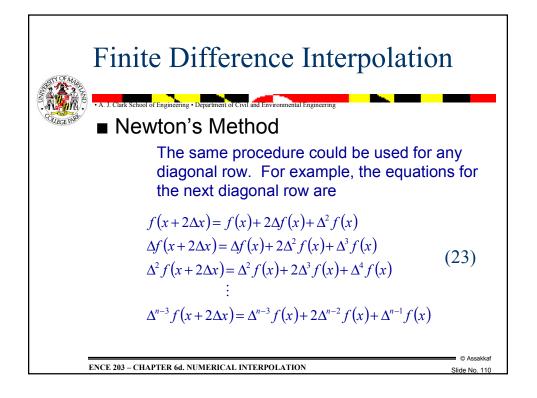


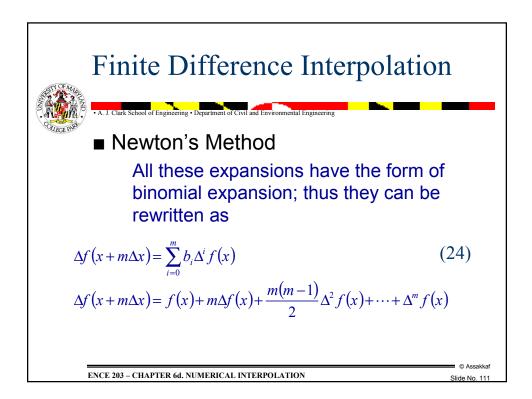


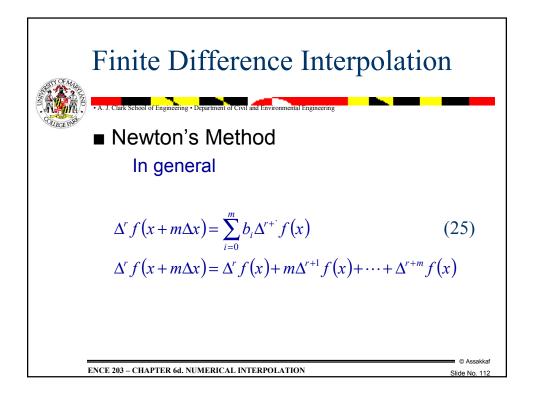
x	f(x)	Δf	$\Delta^2 f$	$\Delta^3 f$		$\Delta^n f$
x	f(x)					
		$\Delta f(x)$				
$x + \Delta x$	$f(x + \Delta x)$		$\Delta^2 f(x)$			
		$\Delta f(x + \Delta x)$		$\Delta^3 f(x)$		
$x + 2\Delta x$	$f(x+2\Delta x)$		$\Delta^2 f(x + \Delta x)$			
		$\Delta f(x+2\Delta x)$		$\Delta^3 f(x + \Delta x)$		
$x + 3\Delta x$	$f(x + 3\Delta x)$		$\Delta^2 f(x + 2\Delta x)$			
		$\Delta f(x+3\Delta x)$		$\Delta^3 f(x+2\Delta x)$		
			$\Delta^2 f(x + 3\Delta x)$			
:	:	:	:	:	:::	$\Delta^n f(x)$
<i>x</i> +(<i>n</i> -2)∆ <i>x</i>	$f[x+(n-2)\Delta x]$		$\Delta^2 f[x + (n-3)\Delta x]$		2Δx) : ::::	
		$\Delta f[x + (n-2)\Delta x]$		$\Delta^3 f[x + (n-3)\Delta x]$		
<i>x</i> +(<i>n</i> -1)Δ <i>x</i>	$f[x+(n-1)\Delta x]$		$\Delta^2 f[x + (n-2)\Delta x]$			
		$\Delta f[x + (n-1)\Delta x]$				
$x + n\Delta x$	$f(x + n\Delta x)$					

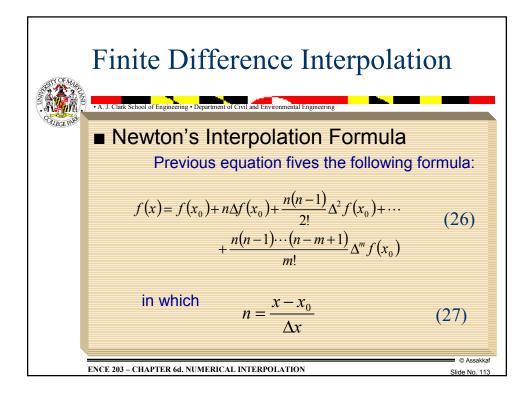


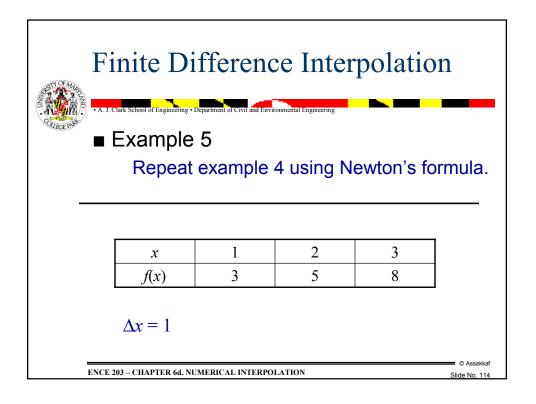


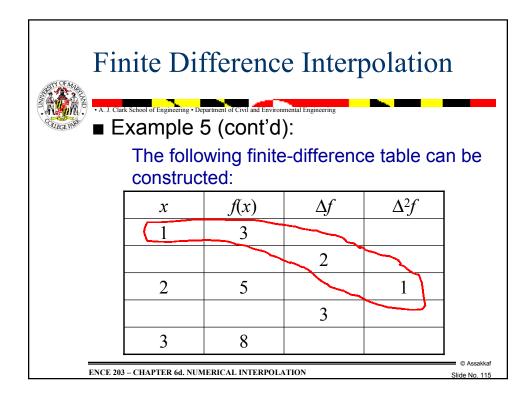


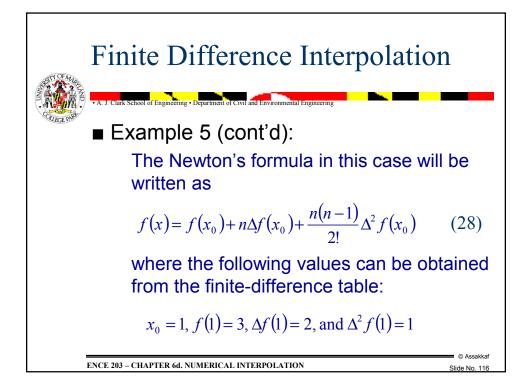


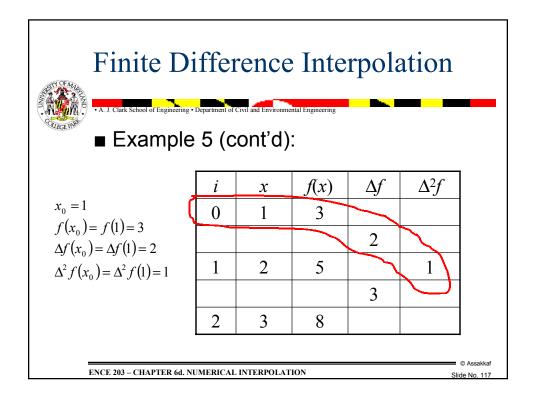


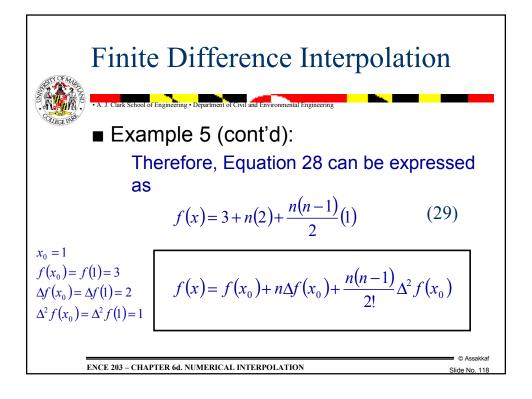


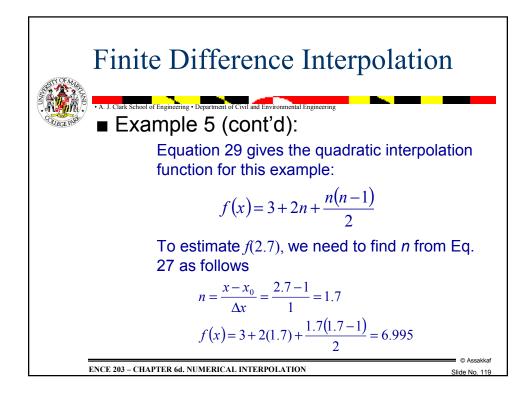


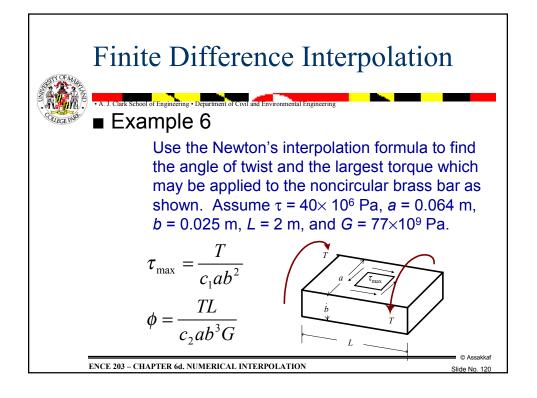


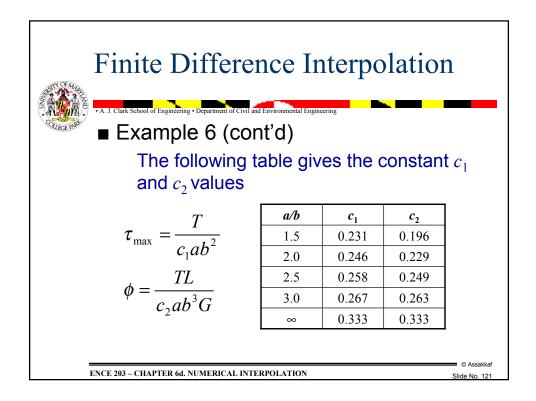


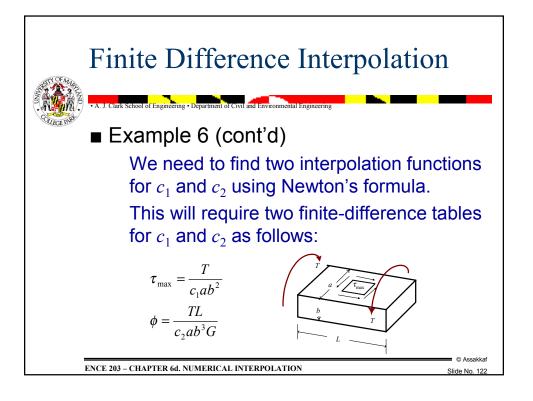


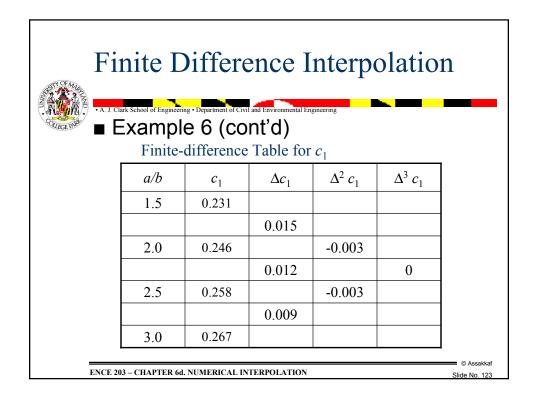




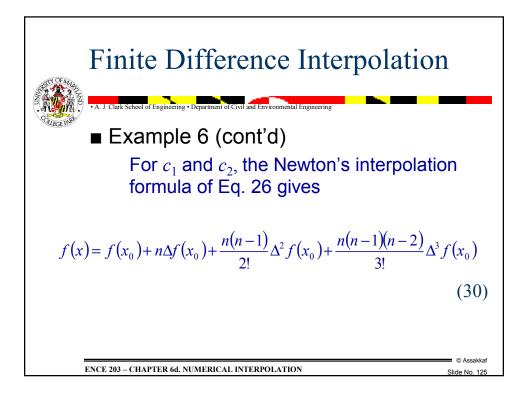


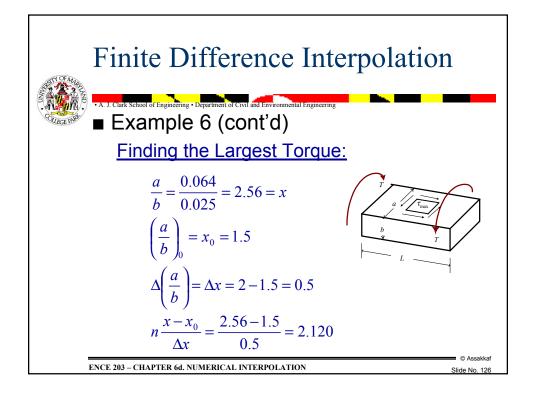


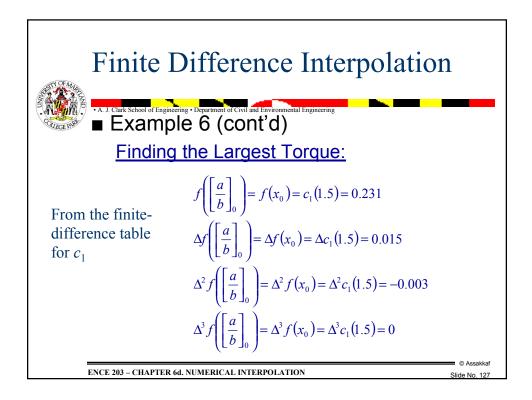


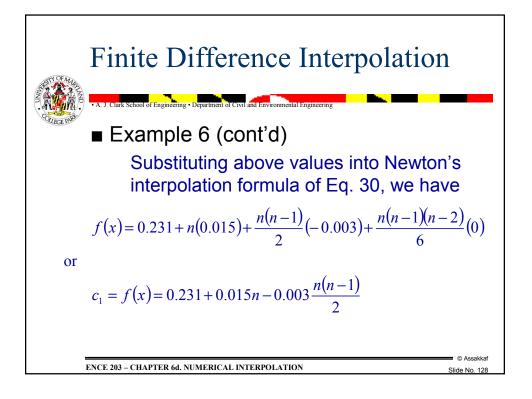


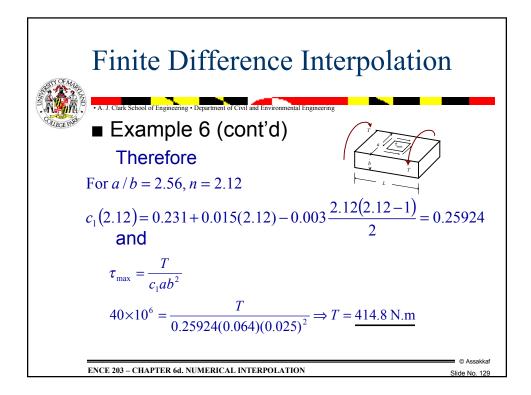
rk School of Engineer	ing • Department of Civ e 6 (co -difference	nťd)	gineering		_
a/b	<i>c</i> ₂	Δc_2	$\Delta^2 c_2$	$\Delta^3 c_2$	
1.5	0.196				
		0.033			
2.0	0.229		-0.013		
		0.020		0.007	
2.5	0.249		-0.006		
		0.014			
3.0	0.263				

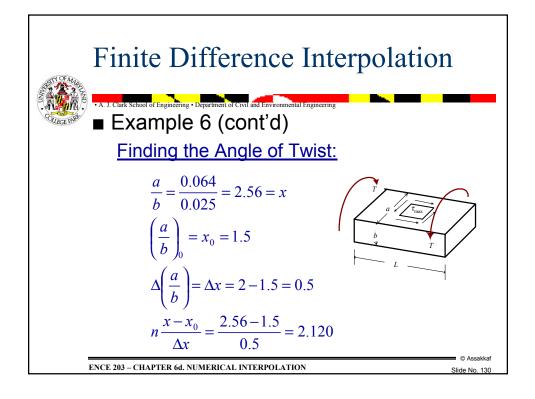


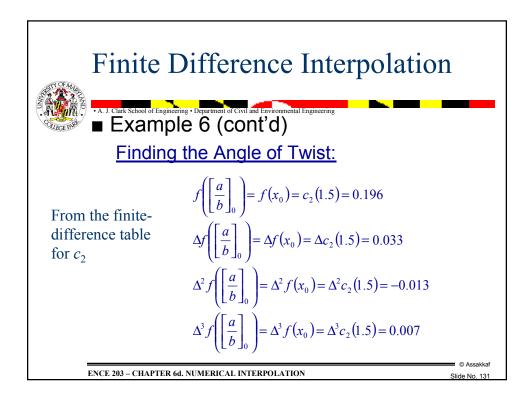












Exampl	e 6 (co difference	nťd)			
a/b	<i>c</i> ₂	Δc_2	$\Delta^2 c_2$	$\Delta^3 c_2$	
1.5	0.196				
		0.033			
2.0	0.229		-0.013		
		0.020		0.007	
2.5	0.249		-0.006		
		0.014			
3.0	0.263				

