

















y n te	Example 6-1								
Find	nd the area under the standard normal curve to the left of								
= 1.9	95	under une s	tunuar a r	iorrina: ear	10 10 110	1011 01			
z	.00	.01		.05		.09			
-3.4	.0003	.0003		.0003		.000			
-3.3	.0005	.0005		.0004		.000			
-3.2	.0007	.0007		.0006		.000:			
2	2								
	4	2		4		3.8			
1.9	.9713	.9719		.9744 ←		.976			
	а.								
	5								
2.4	.9997	.9997		.9997		.999			



- Fin	the area under the standard normal curve from $z = 2.17$								
to z	= 0	under the	standard	normai eu	rve nom 2	22.17			
z	00	.01		.07		.09			
-3.4	.0003	.0003		.0003		.0002			
-3.3	.0005	.0005		.0004		.0003			
-3.2	.0007	.0007		.0005		.0005			
	2								
-2.1	.0179	.0174	· · · · · · ·	.0150 ←		.0143			
•		81	10.000	*:					
0.0	.5000 ←	.5040		.5279		.5359			
				e					
	*					-			
34	.9997	.9997		.9997		.9998			

























University of Houston Clear Lake	Example 6-15									
	Find a po curve to	oint z s the lef	such that t of z is	t the area .9251.	under	the standa	ard norr	nal		
	o Left ta	il of z i	s given di	rectly						
	Solution	z	.00	.01		.04		.09		
		-3.4	.0003	.0003				.0002		
		-3.3	.0005	.0005				.0003		
z =		-3.2	.0007	.0007				.0005		
	z = 1.44									
		(3.0							
		•								
		1.4 ←				9251 ←				
		•								
		•						•		
		•						•		
		3.4	.9997	.9997		.9997		.9998		
						We 1 value of A	ocate this e in Table I ppendix C	v		
MATH 3038 - 0)1			6-25			Dr.	Yingfu (Frank) Li		











