

专业代码: 081402
执笔人: 刘洋
审核人: 戴德求

1980

2001

2010

25

CXC 80 A@U @

i @DU " €Q2€

9, U0 1CD80•€ CX9, U0 1 " ") b • Q

CXC 80 A@U @

CXC†

CXC 80 A@U @

=



B2.

B3.

B4.

B5.

B6.

B7.

C

C1

C2

C3

C4

C5

3-6

1~ 2

1

	698.0	432.0	824.0	256.0	176.0	2386.0	1024.0
	32.0	26.5	51.5	16.0	12.0	138.0	64.0

2

	6.0	0	33.0	0	39.0
	1.0	0	32.0	0	33.0

171

143

28

12

1

2 3

4

5

6

7

8

								1	2	3	4	5	6	7	8			
	2000023010		1.0	16	16	0	2	1										
	2000013010	(1)	1.0	32	24	8	2	1										
	2000007030	(1)	3.0	48	48	0	4	3										
	2000022010		1.0	30	16	14	2	1										
	2000002030		3.0	48	40	8	4	3										
	2000021000		0.0	2	0	2	0	0										
	2000024000		0.0	1	0	1	0	0										
	200001020		2.0	32	24	8	2						2					
	2000026000		0.0	32	0	32	0								0			
	2000014010	(2)	1.0	32	24	8	2		1									
	2000008030	(2)	3.0	48	48	0	4		3									
	2000003030		3.0	48	40	8	4		3									
	2000014000	(1)	0.0	30	0	30	4		0									
	2000015010	(3)	1.0	32	24	8	2			1								
	2000009020	(3)	2.0	32	32	0	2			2								
	2000004030		3.0	48	40	8	4			3								
	2000017000	(2)	0.0	30	0	30	4			0								
	2000018010	(4)	1.0	32	24	8	2				1							

						1	2	3	4	5	6	7	8
2000099050	5.0	80	64	16	4				5				
2000016010	1.0	2	0	2	0				1				
2000020010	1.0	24	16	8	2					1			
2000019010	1.0	24	16	8	2						1		
2000025000	0.0	1	0	1	0								

								1	2	3	4	5	6	7	8			
		2002164020		2.0	32	32	0	4				2						
		2000468020		2.0	32	32	0	4					2					
		2002160025		2.5	40	32	8	4					2.5					
		2002169025		2.5	40	38	2	4					2.5					
		2002168020		2.0	32	32	0	4					2					
		2002155030		3.0	48	38	10	4					3					
		2002145025		2.5	40	32	8	4					2.5					
		2002156050		5.0	5	0	5	0					5					
		2002167020		2.0	32	32	0	4						2				
		2002154025		2.5	40	32	8	4						2.5				
		2002162030		3.0	48	42	6	4						3				
		2002158030		3.0	48	38	10	4						3				
		2002163030		3.0	48	48	0	4						3				
		2002170030		3.0	48	48	0	4						3				
		2002164010		1.0	1	0	1	0							1			
		2002159010		1.0	1	0	1	0							1			
		2002167040		4.0	4	0	4	0							4			
		2001794000		0	1	0	1	0								0		
		2002165040		4.0	4	0	4	0								4		
		2002168120	()	12.0	12	0	12	0								12		
				83.5	824+33	706	118+33		3	4.5	10.5	10.5	19.5	13.5	6	16		
		2002175020	AutoCAD	2.0	32	16	16	4					2					
		2000494020	MATLAB	2.0	32	16	16	4					2				3	2
		2002172020		2.0	32	16	16	4					2					
		2002161030		3.0	48	48	0	4						3				
		2002144030		3.0	48	40	8	4						3			3	2
		2002172030		3.0	48	48	0	4						3				
		2000500020		2.0	32	32	0	4							2			
		2002170020		2.0	32	32	0	4							2			7
		2002182020		2.0	32	32	0	4							2			3

						1	2	3	4	5	6	7	8					
		2002173020		2.0	32	22	10	4						2				
		2002165020		2.0	32	32	0	4						2				
		2002169020		2.0	32	32	0	4						2				
		2002166020		2.0	32	16	16	4						2				
				27	432	360	72					6	9	12				
		2002175020	AutoCAD	2.0	32	16	16	4				2						
		2000494020	MATLAB	2.0	32	16	16	4				2					3 2	
		2002172020		2.0	32	16	16	4				2						
		2002157030		3.0	48	48	0	4					3					
		2002146030		3.0	48	48	0	4					3				3 2	
		2002171030		3.0	48	48	0	4					3					
		2000500020		2.0	32	32	0	4						2				
		2002170020		2.0	32	32	0	4						2				
		2002180020		2.0	32	32	0	4						2				
		2002173020		2.0	32	22	10	4						2			7 3	
		2002165020		2.0	32	32	0	4						2				
		2002169020		2.0	32	32	0	4						2				
		2002166020		2.0	32	16	16	4						2				
				27	432	368	64					6	9	12				
16																		
		4.5															12	1.5

1	2000021000		0	2	1		
2	2000024000		0	1	1		
3	2002163020		2	2	2		
4	2000440020	B	2	2	3		
5	2000016010		1	2	4		
6	2002153010		1	1	4		
7	2002156050		5	5	5		
8	2002159010		1	1	7		
9	2002164010		1	1	7		
10	2002167040		4	4	7		
11	2000025000		0	1	8		
12	2001794000		0	1	8		
13	2002165040		4	4	8		
14	2002168120	()	12	12	8		
			33.0	39.0			

1	2001083030		3	48	1
2	2000002030		3	48	1
3	2000054025		2.5	40	1
4	2000007030	(1)	3	48	1
5	2000003030		3	48	2
6	2000008030	(2)	3	48	2
7	2000031035		3.5	56	3
8	2000004030		3	48	3
9	2000009020	(3)	2	32	3

#

		M	H	M	M
C	A	M	H	L	L
C	A	M	H	L	L
		H	M	L	L
		H	M	L	L
	B	H	H	H	M
		M	H	L	L
		H	H	L	L
	(1)	M	M	H	L
	(2)	M	M	H	L
	(3)	M	M	H	L
	(4)	M	M	H	L
	(1)	M	H	L	L
	(2)	M	H	L	L
	(3)	M	H	L	L
	(1)	M	H	L	L
	(2)	M	H	L	L
		M	H	M	M
		M	H	L	L
		M	H	M	M
		H	H	H	M
		M	H	L	L
		M	H	M	M
	B	M	H	L	L
	B(1)	M	H	L	L
	B(2)	M	H	L	L
	C	M	H	M	M
		M	H	M	M
		M	H	L	M
		M	H	M	M
		M	H	L	L
		M	H	L	L
		M	H	L	M
		M	H	M	M
		H	H	L	L
		M	L	H	L
		M	H	L	L

	M	H	M	M	M
	H	H	H	M	H
	H	H	H	M	H
	M	H	M	M	M
	M	M	H	M	H
	H	H	L	L	L
	H	H	L	L	L
	H	H	H	M	H
	M	H	L	L	L
B(1)	M	H	L	L	L
B(2)	M	H	L	L	L
	H	H	L	L	L
	H	H	H	L	H
	M	H	M	M	M
	H	H	L	L	L
	M	H	M	M	M
	M	H	L	M	L
B	M	H	L	L	L
	H	H	L	L	L
	M	H	M	M	M
	M	H	M	M	M
	M	H	M	M	M
	M	H	M	M	M
	H	H	L	L	L
	M	H	M	M	L
	M	H	H	M	M
	M	H	H	L	L

: H M L

" "

H M L-

		L	L	L	H	L	H	H	H	H	H	H	H	M	L	M	M	M	
C	A	M	L	L	L	M	L	L	L	L	H	L	L	M	L	L	M	M	M
C	A	M	L	L	L	M													

Γ

ΓW

C

W

	L	L	H	L	L	M	M	L	L	L	M	M	H	H	H	H	L	M
	L	L	H	L	L	M	M	L	L	L	M	M	H	H	H	H	M	M
	L	L	H	L	L	M	M	L	L	L	M	M	H	H	H	H	H	H
	L	L	H	L	L	M	M	L	L	L	M	M	H	H	H	H	H	H
	L	L	L	H	L	H	H	H	H	H	H	H	H	M	L	M	L	M
	H	M	M	M	M	M	M	M	M	M	M	M	H	M	L	M	M	M
B(1)	H	M	M	M	M	M	M	M	M	M	M	M	H	M	L	M	M	M
B(2)	H	M	M	M	M	M	M	M	M	M	M	M	H	M	L	M	M	M
	L	L	H	L	L	M	M	L	L	L	M	M	H	H	H	H	H	H
	L	L	H	L	L	M	M	L	L	L	M	M	H	H	H	H	H	H
	L	L	L	H	L	H	H	H	H	H	H	H	H	M	L	M	M	M
	L	L	H	L	L	M	M	L	L	L	M	M	H	H	H	H	H	H
	L	L	L	H	L	H	H	H	H	H	H	H	H	M	L	M	M	M
	L	L	L	H	L	H	H	H	H	H	H	H	H	M	L	M	M	M
B	H	M	M	M	M	M	M	M	M	M	M	M	H	M	L	M	M	M
	L	L	H	L	L	M	M	L	L	L	M	M	H	H	H	H	H	H
	L	L	L	H	L	H	H	H	H	H	H	H	H	M	L	M	M	M
	L	L	L	H	L	H	H	H	H	H	H	H	H	M	L	M	M	M
	L	L	L	H	L	H	H	H	H	H	H	H	H	M	L	M	M	M
	L	L	H	L	L	M	M	L	L	L	M	M	H	H	H	H	H	H
	L	L	L	H	L	H	H	H	H	H	H	H	H	M	L	M	M	M
	L	L	L	H	L	H	H	H	H	H	H	H	H	M	L	M	M	M
	L	L	H	L	L	M	M	L	L	L	M	M	H	H	H	H	H	H

: H M L

H M L-

									3	4	5				6	7
		2001083030		3	48	42	6	6	3.0							
		2002148030		3	48	32	16	6	3.0							
		2002149040		4	64	64	0	6		4.0						
		2002153010		1	1	0	1			1.0						
		2002147025		2.5	40	32	8	4		2.5						
		2002164020		2	32	32	0	4		2.0						
		2002145025		2.5	40	32	8	4			2.5					
		2002169025		2.5	40	38	2	4			2.5					
		2002170030		3	48	48	0	0				3.0				
		2002154025		2.5	40	32	8	4			2.5					
		2002162030		3	48	42	6	6				3.0				
		2002168020		2	32	32	0	4					2.0			
		2002155030		3	48	38	10	6					3.0			
		2002165040		4	4	0	4							4.0		
		2002168120	()	12	12	0	12							12.0		
		2001794000		0	1	0	1							0		

								3	4	5	6	7	8				
		2001083030		3	48	42	6	6	3.0								
		2002148030		3	48	32	16	6	3.0								
		2002147025		2.5	40	32	8	4		2.5							
		2002149040		4	64	64	0	6		4.0							
		2002164020		2	32	32	0	4		2.0							
		2002168020		2	32	32	0	4			2.0						
		2002155030		3	48	38	10	6			3.0						
		2002154025		2.5	40	32	8	4				2.5					
		2002162030		3	48	42	6	6				3.0					