
(2021)

1. 4 3-6

2. 168

“ ”

1

2

3

4

1.

1.1

1.2

2.

2.1

2.2

2.3

2.4

3.

3.1

3.2

3.3

4.

4.1

4.2

4.3

5.

5.1

5.2

6.

,

6.1

6.2

6.3

7.

7.1

7.2

8.

8.1

8.2

9.

9.1

9.2

10.

10.1

10.2

11.

11.1

11.2

12.

12.1

12.2

13.

13.1

13.2

1

		16	256	16		12	4	192	64
		4	148	4		2	2	36	112
		4	256	4		0.75	3.25	48	208
		11	192	2	9	10	1	160	32
		35	852	26	9	24.75	10.25	436	416
		11	176	2	9	11		176	
		18	288	18		18		288	
		6	112		6	4	2	80	32
		35	576	20	15	33	2	544	32
		26.5	456	26.5		22.875	3.625	366	90
		35.5	568	35.5		33.75	1.75	540	28
		11	176		11	11		176	
		73	1200	62	11	67.625	5.375	1082	118
		2	32		2		2		32
		0							
		4	8		4		4		8
		4	8 +8	4			4	8	8
		15	15	15			15		15
		25	40	19	6	0	25	8	32
		168	2668	127	41	125.375	42.625	2070	598
	%	100.00%	100.00%	75.60%	24.40%	74.63%	25.37%	77.59%	22.41%

2

A)I

A)II

I

II

BIM

A

A

A

A

2

35	16		A109008B			3	48	40	8	1	1.1,1.2,9.1,9.2		
			A109005B			2	32	28	4	4	1.1,1.2,9.1		
			A109002B			2	32	26	6	2	1.1,1.2,9.1		
			A109003B			3	48	40	8	3	1.1,1.2,9.1		
			A109004B			2	32	24	8	4	1.1,1.2,9.1		
			A109006B			2	32	8	24	S1/S2	1.1,1.2,9.1		
			A109007B			2	32	26	6	1-8	1.1,1.2,9.1		
		4		A123001B			2	36	36		S1	10.1	
				A123002B			2	112		112	S1	10.1	
		4		A121001B			0.5	32	4	28	1	9.1	Q 5
							0.5	32	4	28	2	9.1	
							0.5	32	4	28	3	9.1	
							0.5	32	4	28	4	9.1	
				A121002B			0.5	32	8	24	1-2	9.1	
				A121003B			0.5	32	8	24	3-4	9.1	
				A121004B			0.5	32	8	24	5-6	9.1	
			A121005B			0.5	32	8	24	7-8	9.1		
	11		A123003B			1	16	16		1	9.1		
			A123004B			1	32		32	1-6	9.1		
			A022001B			1	16	16		1	9.1		
										1-8	9.1	2	
										1-8			
										1-8			
			()	A105029B				16	16		2-4	9.2	1
					16	16				8	2-4	8.1	1
				A105015B				32	32		4	12.1,12.2	2
	35	2		C009001B			2	32			2	11.1	
		9		C112001B				48	48		1	11.2	
				C112002B				48	48		2	11.2	
				C112003B			9	48	48		1-3	11.2	
				C112004B				48	48		1-3	11.2	
										1-3	11.2		
6		C102001B			0	16	16		1	6.1			
	Python	C102006B			3	48	32	16	2-4	6.3			

		C	C102002B			48	32	16	2-4	6.3				
		G++	C102003B			48	32	16	2-4	6.3				
			C102008B			48	32	16	4-6	6.3				
			C102009B		3	48	32	16	4-6	6.3				
	18	(B) I	C108001B		6	96	96		1	2.1,2,3				
		(B) II	C108002B		5	80	80		2	2.1,2,3				
		(B)	C108004B		3.5	56	56		1	2.1,2,3				
		(B)	C108005B		3.5	56	56		3	2.1,2,3				
		A) I	M108001B		4	64	64		2	2.1				
		A) II	M108002B		4	64	64		3	2.1				
		I	M108003B		1	32		32	2	6.1,6.2				
		II	M108004B		1	32		32	3	6.1,6.2				
			M108008B		2	32	32		1	2.1				
			M205001B		1	16	16		1	7.1,8.1,9.2				
			M205002B		3	48	42	6	2	2.1,11.1		+CAD		
			M205003B		2	32	28	4	4	2.4,3.1,8.2				
			M205004B		2.5	40	36	4	4	6.1,6.2		+		
			M205009B		1.5	24	24		4	3.1,4.3,9.2				
			M205005B		2	32	28	4	5	2.2,3.1				
		HM	M205010B		1	16	16		5	4.1,4.2,6.3				
			M205007B		1.5	24	16	8	6	5.2,6.1,6.2		+	+	
		A	M305001B		4	64	60	4	3	2.2,3.2,5.2				
		A	M305002B		3.5	56	52	4	4	2.2,3.2,5.2		I	A	
			M305003B		5	80	80		4	2.2,3.2		I	A	
			M305004B		3	48	36	12	4	2.4,6.1,6.2,8.1				
			M305010B		3	48	40	8	5	2.4,4.3,5.2		I	A	
			M305043B		3	48	48		5	2.4,3.1,4.3		I	A	
			M305011B		3	48	48		5	3.1,3.2,4.1,4.2				
			M305042B		2	32	32		6	2.4,3.1,4.3		I	A	
		A	M305012B		3	48	48		6	3.2,4.1,4.2				
		A	M305013B		3	48	48		6	3.2,4.2,4.3,9.2				
			M305014B		3	48	48		6	2.4,3.2,7.1,12.1,12.2				
						6								
			M405046B		2	32	32		6	3.2,4.1,4.2,11.1				
			M405047B		2	32	32		6	3.2,4.2,4.3				
			M405024B		2	32	32		7	3.2,4.1,4.2				
						6								
			M405048B		2	32	32		6	3.2,4.1,4.2,11.1				
			M405049B		2	32	32		6	3.2,4.2,4.3				
			M405025B		2	32	32		7	3.3,4.1,4.2				
						5								
			M405050B		2	32	32		5	3.3,4.1,4.2				
			M405015B		1	16	16		5	3.3,4.1,4.2				
			M405051B		2	32	32		7	3.3,4.1,4.2				
			M405052B		2	32	32		7	3.3,4.1,4.2				
			M405053B		2	32	32		7	3.3,4.1,4.2				
			M405054B		2	32	32		7	3.1,3.2,4.1,7.1				
			M411102B		2	32	32		7	3.1,4.3,7.1				
			M405034B		1	16	16		7	3.3,4.1,4.2				
			M405011B		1	16	16		7	3.3,4.1,4.2				
			M405044B		1	16	16		7	3.3,4.1,4.2				

(73)

(25)	2					2					5.1		
											1.1,1.2		
	4		P305011B			1	2		2	5	3.1,3.3,4.3,5.1 ,6.1,6.2,8.2		
		A	P305012B			1	2		2	6	3.1,3.3,4.3,5.1 ,6.1,6.2,8.2		
		A	P305013B			1	2		2	6	3.1,3.3,4.3,5.1 ,6.1,6.2,8.2		
		1											
			P405012B			1	2		2	6	3.1,3.3,4.3,5.1 ,6.1,6.2,8.2		
		1											
			P405013B			1	2		2	6	3.1,3.3,4.3,5.1 ,6.1,6.2,8.2		
	4		P105002B			0.5	1	8	1	S2	7.1,8.1,9.2		
			P205001B			0.5	1		1	4	3.1,8.2,10.1		
		(2)	¹ P205002B			1	2		2	S2	6.1,6.2,10.1, 10.2		
		1 (2)	P305024B			2	4		4	S3	7.1,8.1,10.1,1 0.2,11.1,12.2		
	15		P405015B			15	15		15	8	2.4,4.1,4.2,4.3 ,6.3,7.2,8.1, 8.2,9.2,11.1, 11.2,13.1,13.2		
						167							

3

3

	1		2				3			4			5		6			7		8		9		10		11		12		13		
	1.1	1.2	2.1	2.2	2.3	2.4	3.1	3.2	3.3	4.1	4.2	4.3	5.1	5.2	6.1	6.2	6.3	7.1	7.2	8.1	8.2	9.1	9.2	10.1	10.2	11.1	11.2	12.1	12.2	13.1	13.2	
1	0.20	0.20																				0.10	0.10									
2	0.12	0.12																					0.10									
3	0.12	0.12																					0.10									
4	0.12	0.12																					0.10									
5	0.12	0.12																					0.10	0.20								
6	0.12	0.12																					0.10									
7	0.12	0.12																0.10	0.10				0.10								0.50	
8																								0.10								
9																								0.10								
10																							0.03									
11																							0.01									
12																							0.01									
13																							0.01									
14																							0.01									
15																							0.01									
16																							0.01									
17																							0.01									
18																							0.10									
19																																
20																							0.10									
21																		0.10	0.10													
22																																
23																							0.40									
24																					0.20	0.20							0.50	0.40		
25																											0.20					
26																											0.50					
27																																
28															0.10																	
29																																
30				0.16		0.28																										0.15
31				0.16		0.28																										0.15
32				0.12		0.22																										
33				0.12		0.22																										
34				0.11									0.15																			0.15

81
82

A

