

202 版

二〇二一年八月

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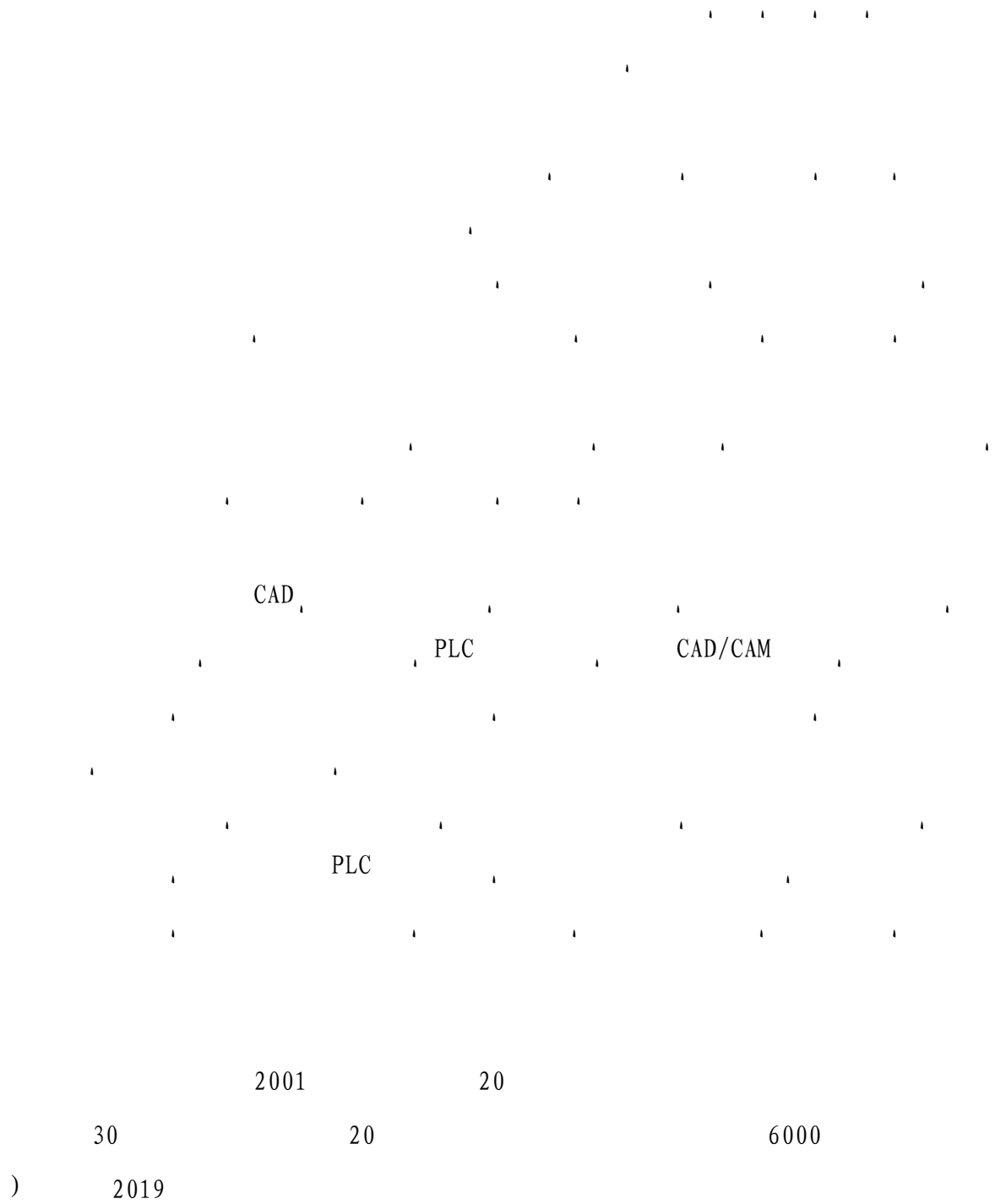
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460301

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2016
) 2013
2011
) 2009
2008
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460301

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	34 43
	2-02-07-04 6-31-01

	1. UG * 2. * 3. * 4. * 5. 1+X 6. 1+X 7. 1+X

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1-2

- 6. 1-2
- 7. ,
- 1. ,
- 2. , , ,
- 3. ,
- 4. , , , , PLC
- 5. CAD/CAM , , , , ;
- 6. , ,
- 7. , ,
- 8. ,
- 1+X
- 9. , ,
- 1. ,
- 2. ,
- 3. ,
- 4. CAD , CAD

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1	UG *		
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4	*		
5	1+X		
6	1+X		
7	1+X		

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	4.	4.	4.

	1. 2. 3.	1. 2. 3.	1. 2. 3. 4.
	1. 2. 3.	1. 2. 3.	1. 2. 3. 4.
	1. 2. 3.	1. 2. 3.	1. 2. 3.
	1. 2. 3.	1. 2. 3.	1. 2. 3.

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A1

3 48

1.	1.	1.
2.	2.	2.

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) A2

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‘ 4 64

1. ‘ ‘ ‘	1.	1.
2. ‘ ‘ ‘	2. ‘ 21	2. ”

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‘ ‘

A3

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1 40

1.	1.	1.
2.	2.	2.

A4, A5, A6, A7

+ +

6 96

1.	1.	1.
2.	2.	2.
3.	3.	3.

A8

2 36

1.	1.	1.
2.	2.	2.
	3.	

A9

2 36

1. 2. ; ,	1. 2. 3. , 4. ; 5.	1. 2. 3. 4.

A10, A11

2 32

1. 2.	1. 2.	1. 2.

3.	3.	
4.	4	3.

A12

2 32

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|----|----|----|
| 1. | 1. | 1. |
| 2. | 2. | 2. |
| 3. | 3. | 3. |
| 4. | 4. | 4. |
| 5. | 5. | 5. |
| 6. | 6. | 6. |

A13

1 16

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2.

3\$ P + # 7 " ^ £ y ß ÿ P

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Matlab

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A16, A17

6, 101

1. 2. 3.	1. 2.	1. 2. 3.

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A18, A19

4 64
n

+

A20

2 32

1.	1.	1.
2.	2.	2.
3.	3.	3.
4.	4.	4.
	5.	5.
		6.

Windows win10 win7
; Office WPS word, excel, PowerPoint

A21

1 18

1.	1.	1.
2.	2.	2.

A22, A23

2 36

1.	1.	1.
2.		
3.	2.	2.

4.		
5.		

2.

1

9

CAD

PLC

B1

3

42

1.	1.	1.
2.	2.	2.
3.	3.	3.

	4.	4.
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B2 CAD

4.5 84

1.	1	1.
	2	
	3.	2.
2.		
	4	3.
	5	4.
3.		5.
4.	6.	6.
5	7. CAD	7.

B3

4 75

1.	1.	1
2.	2	2
	3.	3
3.	4.	4
4.	5.	5.
	6.	

B4

1.5 30

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1.	1.	1.
2.	2.	2.
3.	3.	3.
4.	4.	4.
5.	5.	
6.	6.	

B5

PLC

3 52

1.	1.	1.
2.	2.	2.
3.	3.	3.
4.	4.	
5.	5.	
6.		

7.	6.	4.
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④

B6

4.5 78

<p>1. 主 习 、 ；</p> <p>2. 体</p> <p>信 ；</p> <p>3. 制 作 划</p> <p>；</p> <p>4. 决</p> <p>；</p> <p>5. 具 决 、 划 力；</p> <p>6. 具 创 力；</p> <p>7. 从 作 位 取</p> <p>， 任 作 位；</p> <p>8. 具 吃 劳、 协作、</p> <p>勇于创 。</p>	<p>1. 会 分</p> <p>制 、 作原</p> <p>；</p> <p>2. 、 动化</p> <p>、 、 、</p> <p>修；</p> <p>3. 制</p> <p>动化 、</p> <p>、 分 、 、</p> <p>、 修；</p> <p>4. 制</p> <p>分 、 判 ；</p> <p>5. 决 动 制</p> <p>。</p>	<p>1. 加 制 企业</p> <p>制 、 ；</p> <p>2. 力 业 供</p> <p>动 制 动</p> <p>、 ；</p> <p>3. 动力</p> <p>动 。</p> <p>4. 业 动 制</p> <p>动 、 、</p> <p>判 、 修；</p> <p>5. 制 、</p> <p>、 ；</p> <p>6. 从事 务</p> <p>。</p>
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④

B7

4.5 78

1.	1.	1. CAD
2	2.	2.
3	3.	3.
4.	4.	4.
5.	5.	
6.		

④

B8

1.	1.	1.
2.		2.
3.	2.	3.
4.	3.	
5.	4.	4.
6.		

④

B9 PLC

PLC

PLC

PLC

PLC

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1. , 1. PLC
PLC
- 2.
- 3.
- 4.
- 5.

3.	4.	4. CAD
4.	5.	CAD
	6.	5.
	7.	
	8.	

CAD/CAM

C2

4 72

1.	1.	1.
2.	2.	2.
3.	3.	3.
4.	4.	4.
	5.	
	6.	

④

C3

, 3.5 60

PLC

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5.	4.	4.
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④

FMS

FMS

C6

3

56

1.	1.	1.
2.	2.	2.
3.	3. G, M	3.
4.	4.	4.
5.	5.	5.
6.	6.	6.
7.		

④

C7

MCS51

3 56

1.	1.	1.
2.	2. CPU	2. CPU /
3.	3. /	3.
4.	4.	4.
5.	5.	5.
6.	6. MCS-51	6. MCS-51
7.	7. /	7.
8.	8. A/D, D/A	8. A/D, D/A
	EDA	EDA

④

MCS51

MCS51

C8

1.	1.	1. PLC
2.	2.	2. PLC
3.	3.	3. PLC
4.	4.	4. PLC
5.	5.	5. PLC
6.		

④

protel

PCB

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CAXA

Pro/E

C

SolidWorks

3.

CAD

PLC

UG

E1

2

2

E2

1

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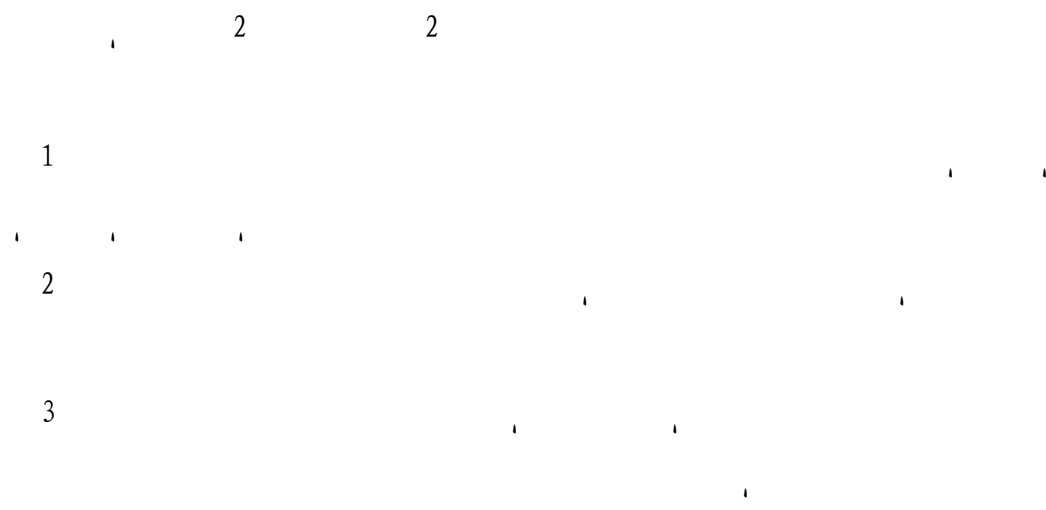
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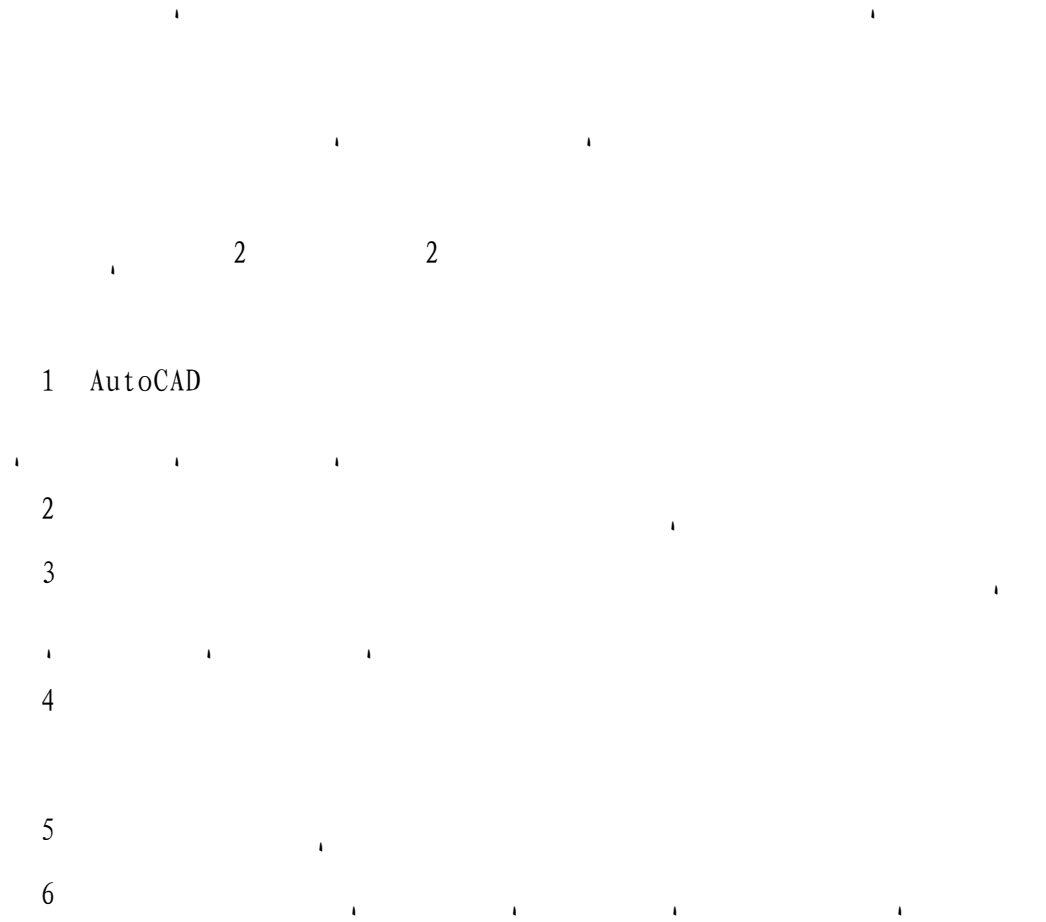
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E3



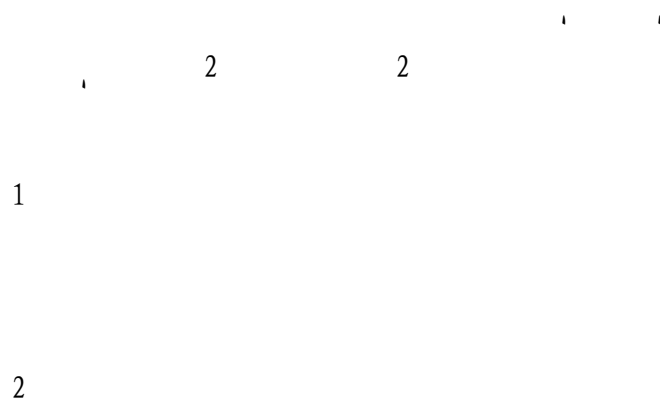
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E5



E6

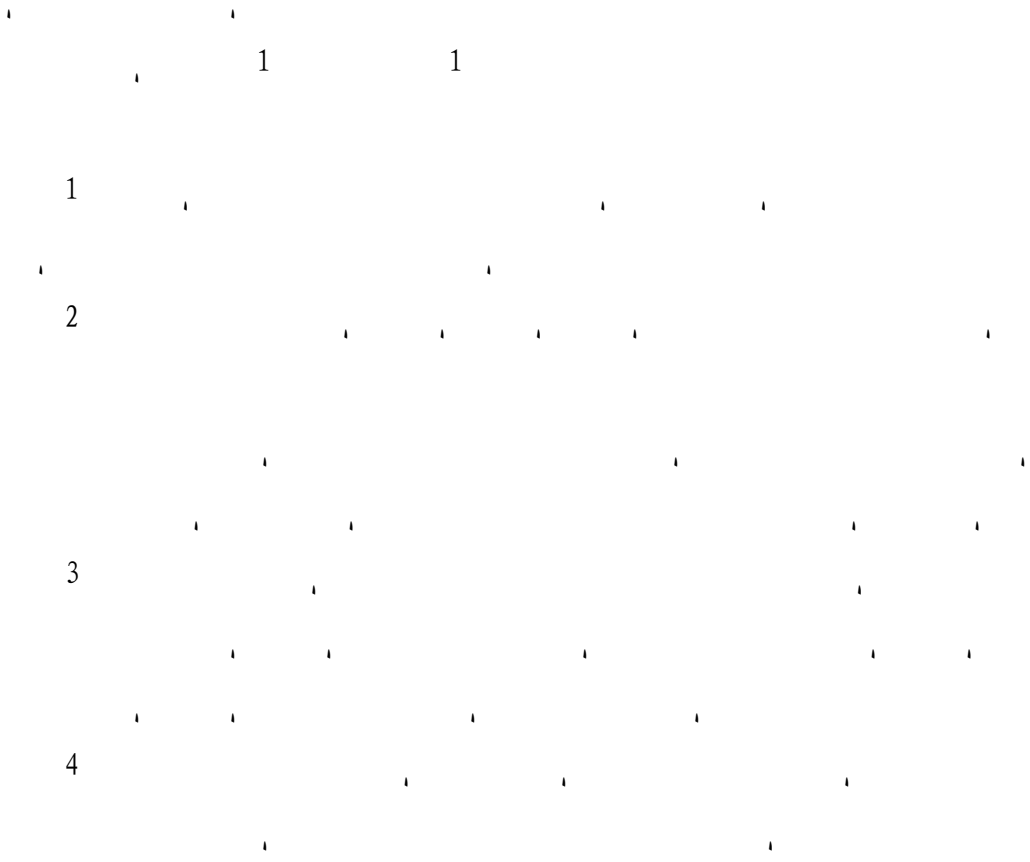


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E7



E9

2 2

1 1

2 1

3 1

4 1

E9

2 2

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1

2

3

4

5

E10

PLC

1.

, 2 2

8

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2

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4

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6 C620

7

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E11

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E12

292 200
 8 5.33% 160
 100 60
 13 38 25.33% 760

 150 2760 1474
 53.41%

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			%			
		23	15.33	400	190	203
		20	13.33	337	270	67
		2	1.22	40	24	16
		45	30.00	777	484	286
		32	21.33	572	418	154
		27	18.00	492	292	200
		8	5.33	160	100	60
		67	44.67	1223	805	428
		2	1.33	40	0	40
		1	0.67	20	0	20
		19	12.67	380	0	380
		16	10.67	320	0	320
		38	25.33	760	0	760
		150	100	2760	1289	1474
/			2760/150			

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								1	2	3	4	5	6
14	15	13	12	14	0								
A-1			+	3	48	32	16	3/11					
A-2			+	4	64	48	16		4/12				
A-3			+	1	40	40							
A-4			+	2	32	0	32	2					
A-5			+	2	32	0	32		2				
A-6			+	1	16	0	13			1			
A-7			+	1	16	0	12				1		
A-8			+	2	36	20	16	2					
A-9				2	36	20	16		2				
A-10			+	1	16	8	8	1					
A-11			+	1	16	8	8					1	
A-12			+	2	32	14	18		2				
A-13			+	1	16	0	16		1				
				23	400	190	203	8	11	1	1	1	0
A-14				3	56	50	6	4					
A-15				2	30	26	4		2				
A-16				3	56	50	6	4					
A-17				3	45	40	5		3				
A-18				2	32	30	2	2					
A-19				2	32	30	2		2				
A-20			+	2	32	0	32		2				
A-21			+	1	18	12	6						
A-22			+	1	18	16	2	1					
A-23			+	1	18	16	2		1				
D-1			+	2	40	24	16						
D-100													
				22	377	294	83	11	10	0	0	0	0
				45	777	484	286	19	21	1	1	1	0

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				/ /								
							1	2	3	4	5	6
							14	15	13	12	14	0
B-1		+	3	42	26	16	3					
B-2	CAD	+	4.5	84	54	30	6					
B-3		+	4	75	55	20		5				
B-4		+	1.5	30	20	10		2				
B-5		+	3	52	42	10			4			
B-6		+	4.5	78	58	20			6			
B-7		+	4.5	78	62	16			6			
B-8		+	3.5	65	53	12			5			
B-9	PLC		3.5	68	48	20			6			
C-1	CAD/CAM		4	72	2	70				6		
C-2		+	4	72	52	20				6		
C-3												

						/ /							
						1	2	3	4	5	6		
D 101		+	1	20	12	8			3				
D 102		+	1	20	12	8							
D 103		+	1	20	12	8							
D 104	CAXA	+	1	20	12	8							
D 105	Pro/E	+	1	20	12	8							
D 106		+	1	20	12	8							
D 107		+	1	20	12	8							
D 108	C	+	1	20	12	8			3				
D 109		+	1	20	12	8							
D 110		+	1	20	12	8							
D 111		+	1	20	12	8							
D 112		+	1	20	12	8							
D 113		+	1	20	12	8							
D 114		+	1	20	12	8							
D 115		+	1	20	12	8			2				
D 116	SolidWorks	+	1	20	12	8							
D 117		+	1	20	12	8							
D 118		+	1	20	12	8							
D 119		+	1	20	12	8							
D 120		+	1	20	12	8							
D 121		+	1	20	12	8							
				8	160	100	60	0	0	3	3	2	0

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D-3				
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				1	2	3	4	5	6
E-1			2	2					
E-2			1		1				
			3	2	1	0	0	0	0
E-3			2	2					
E-4			2		2				
E-5			2			2			
E-6			2			2			
E-7			2			1			
E-8			2				2		
E-9			2				2		
E-10		PLC	2				2		
E-11			2					2	
E-12			2					2	
			20	2	2	5	6	4	0
E-13			16						16
			38	4	3	5	6	4	16

1.

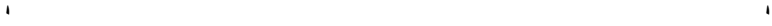
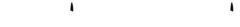
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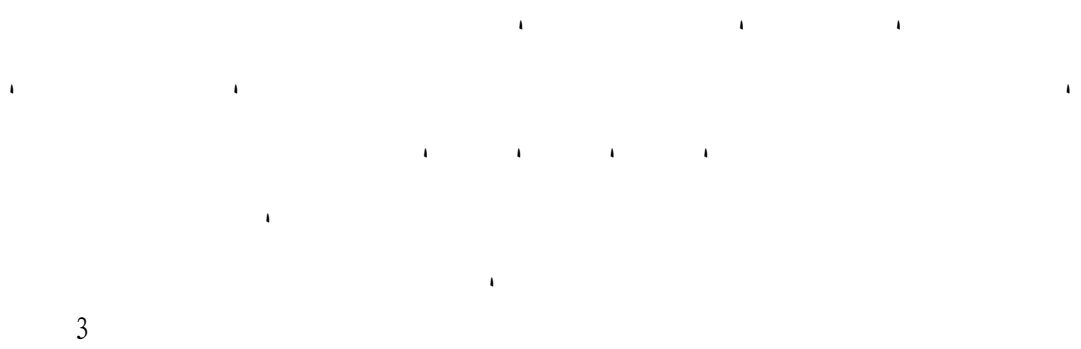
PLC

CAD

3.

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4.

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1.

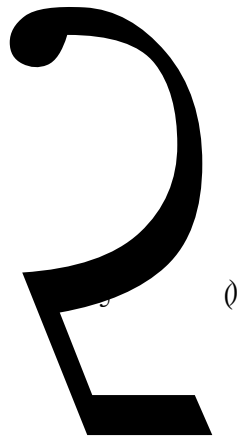
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150

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