



2024

1978 1987 1997
2003 2012
“ ” 2020
2021 2011
2019 2016 “
” 2022 “ ” A 2019 3
ESI 1% 2019 US NEWS “
” “ ” 35 2019
2022 “ ”

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1	2	1						
		162		51			31.48%	
		26.5				23.87%		
								%
		29	8	14	51	31.48		
	q							



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		“ ”	1	16							“ ” 1	
			2	32							2 1	
			2.5	32							2.5 0.5	
		14										
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P2430103		1	32			26	6		1-7			
8												
51												

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F2408104 Python		2.5	40	40			2
F2410907		4	64	64			3
F2410914		3	48,				

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M2410113	2.5	40	34	6		5 7
M2410116	3	48	48			5 7
M2410119	2	32	32			6
M2410123	3	48	48			6
M2410120	3	48	42	6		6
M2410124	3	48	48			5
M2410125	2	32	32			7
				7		
P2410101 Matlab	1	1				3
P2410102	1	1				6
P2410103	1	1				7
P2410105	2	2				

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		I2416104		2	32	32					5	
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		I2404202	4.0	2	32	32					7	
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		I2407201		2	32	32					7	
		I2407501		2	32	32					7	
		I2408201		2	32	32					5	
		I2408103		2	32	32					5	
		I2409502		2	32	32					6	
		I2409301		2	32	32					5	
	4											
	S2430101		0							7		
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	S2430104		1	1						7		
4												

2					
		1.	2.	3.	4.
G2418101		H			M
G2418201		H			M
G2418301		H			M
G2418401		H			
G2418501		H			M
G2418601	1	H	H		L
G2418602	2	H	H		L
G2418603	3	H	H		L
G2418604	4	H	H		L
G2408101			H		
G2412901		L	M	M	
G2412905		L	M	M	
G2412906		H	M	M	
G2412907		H	M	M	
G2412908		H	M	M	
G2412909					
G2413101	1		L		H
G2413102	2		L		H
G2413103	3		L		H
G2413104	4		L		H
G2413105	5		L		H
G2413106	6		L		H
G2430001		H	L		
G2430002					

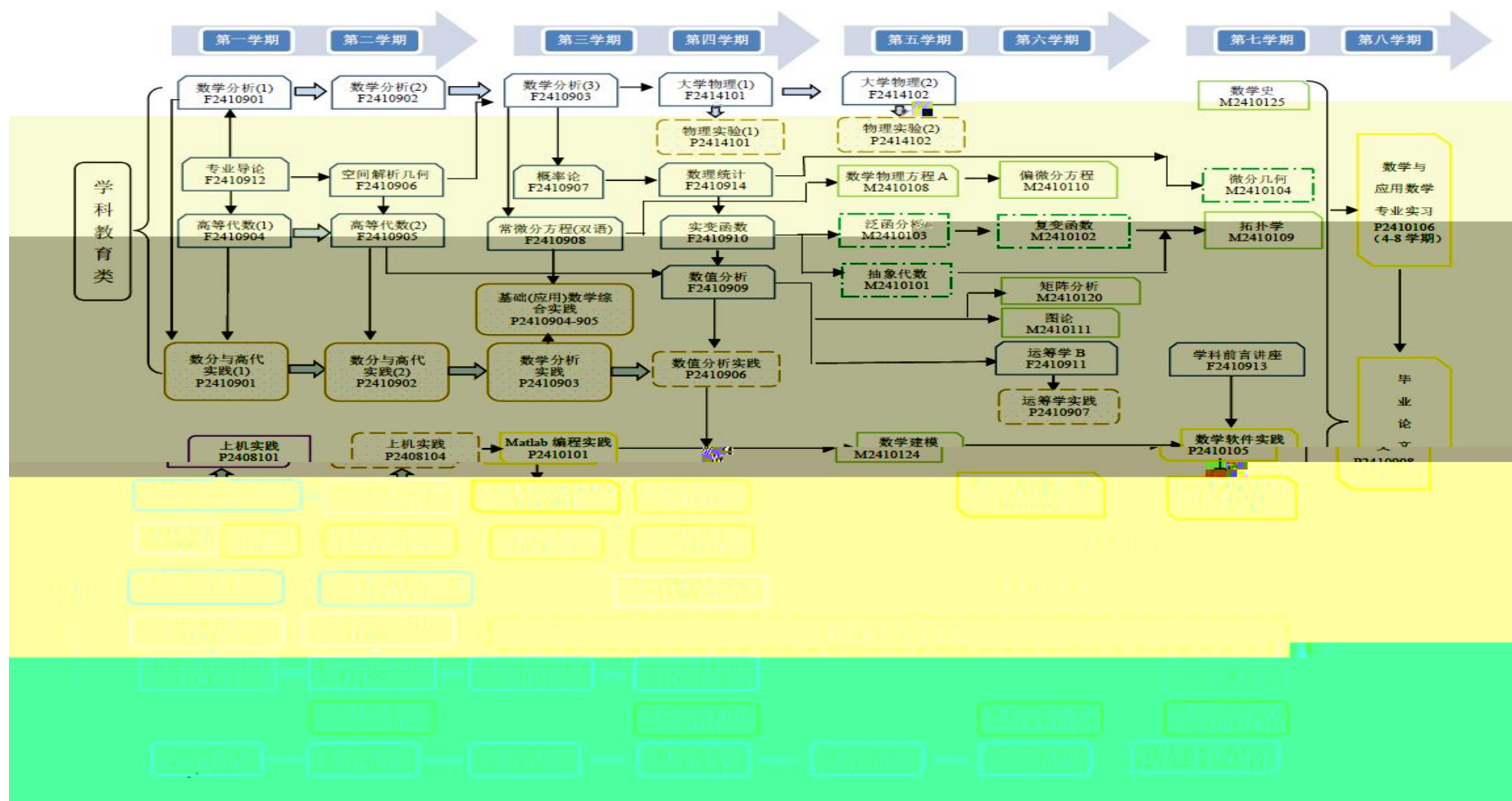
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P2412904	QQ	H			L
P2408101			H		L
P2430005			L		H
P2430103		H	L		
F2410901	1	L	M	H	
F2410902	2	L	M	H	
F2410903	3	L	M	H	
F2410904	1		M	H	
F2410905	2		M	H	
F2410906			M	H	
F2414101	1		H		L
F2414102	2		H		L
F2408104	Python		H		L
F2410907			M	H	
F2410914			M	H	
F2410908			M	H	
F2410909			M	H	
F2410910			M	H	
F2410911	B		M	H	
F2410912			M	H	
F2410913			M	H	
P2410901	1			H	L
P2410902	2			H	L

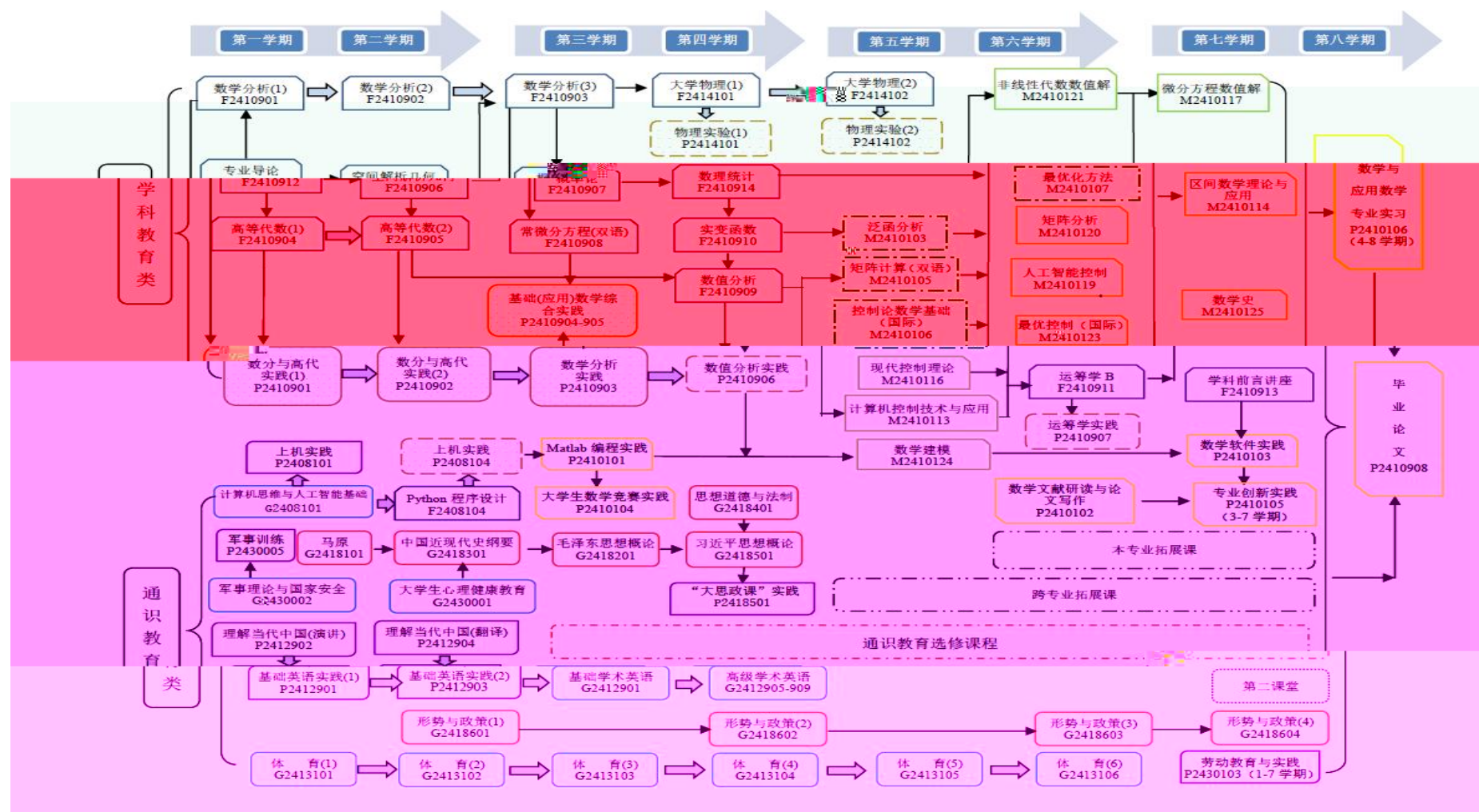
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P2410904				H	L
P2410905				H	L
P2410904				H	L
P2410905				H	L
P2408104	Python		H		L
P2414101	1			M	L
P2414102	2			M	L
M2410101			M	H	
M2410102			M	H	
M2410103			M	H	
M2410104			M	H	
M2410210			M	H	
M2410206			M	H	
M2410202			M	H	
M2410105			M	H	
M2410106			M	H	
M2410107			M	H	
M2410108	A		M	H	
M2410109			M	H	
M2410110			M	H	
M2410111			M	H	
M2410204			M	H	
M2410214			M	H	
M2410208			M	H	
M2410218			M	H	
M2410112			M	H	

- 1.
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- 3.
- 4.

M2410212

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		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11
	1											
	2											
	3											
	1											
	2											
	1											
	2											
	Python											

		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11
	B											
	1											
	2											
	Python											
	1											
	2											

		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11
	A											

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		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11

2024

160

51

31.88%

27.5

25.23%

					%
	29	8	14	51	31.88
	55	8.5	0	63.5	39.69
	12	15	8.5	35.5	22.19
			6	6	3.75
		4		4	2.50
	96	35.5	28.5	160	
					25.23

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							/				
		G2418101		2.5	40	40				1	
		G2418201		2.5	40	40				3	
		G2418301		2.5	40	40				2	
		G2418401		2.5	40	40				4	
		G2418501		3	48	48				4	
		G2418601	1	0.5	16	6	10			2	
		G2418602	2	0.5	16	6	10			4	
		G2418603	3	0.5	16	6	10			6	
		G2418604	4	0.5	16	6	10			7	
		G2408101		2	32	32				1	
		G2412901		2	32	32				3	
		G2412905		2	32	32				4	
		G2412906		2	32	32				4	
		G2412907		2	32	32				4	
		G2412908		2	32	32				4	
		G2412909		2	32	32				4	
		G2413101	1	0.5	24	24				1	
		G2413102	2	0.5	24	24				2	
		G2413103	3	0.5	24	24				3	
		G2413104	4	0.5	24	24				4	
		G2413105	5	0.5	24	24				5	
		G2413106	6	0.5	24	24				6	
		G2430001		2	32	24			8	2	
		G2430002		3	52	28		4	20	1	
	29										

							/				
		“ ”	1	16							1
			2	32							2
											1
			2.5	32							2.5
											0.5
		14									
	P2418501	“ ”	2	2						4	
	P2412901	1	1	32	32					1	
	P2412902		0	16	4			12		1	
	P2412903	2	1	32	32					2	
	P2412904		0	16	4			12		2	
	P2408101		1	32			32			1	
	P2430005		2	2						1	
	P2430103		1	32			26	6		1-7	
	8										

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								/					
		F2410901	1	5	80	72	8				1		
		F2410902	2	5	80	72	8				2		
		F2410903	3	5	80	72	8				3		
		F2410904	1	4.5	72	66	6				1		
		F2410905	2	4.5	72	66	6				2		
		F2410906		2.5	40	40					2		
		F2414101	1	3.5	56	42	6		8		4		
		F2408104	Python	2.5	40	40					2		
		F2410907		4	64	64					3		
		F2410908		3.5	56	56					3		
		F2410914		3	48	48					4		
		F2410909		3.5	56	56					4		
		F2410910		3	48	48					4		
		F2410911	B	3.5	56	56					6		
		F2410912		1	16	16					1		
		F2410913		1	16	16					7		
	55												
			P2410901	1	1	32	32					1	
			P2410902	2	1	32	32					2	
			P2410903		1	32	32					3	
			P2410904		1.5	48	48					6	
			P2410905		1.5	48	48					6	
			P2410906		1	32			32			4	
			P2410907		1	32			32			6	
			P2408104	Python	1	32			32			2	
			P2414101	1	1	32			32			4	
		8.5											
63.5													

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M2410202	3	48	48			5
M2410206	3.5	56	54	2		5
M2410203	2.5	40	32		8	5
M2410204	3	48	40		8	6
	12	192	174	2	16	
				12		
M2410103	3	48	48			5
M2410201	2	32	30		2	5
M2410208	3	48	40		8	5
M2410207	2	32	32			5
M2410205	2.5	40	32		8	6
M2410212	3	-				
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		E2410201		3	48	40		8		6	AI
		E2410202		3	48	48				7	
		E2410203		2	32	32				7	
		E2410101		4	64	64				7	
		E2410102		4	64	64				7	
	2										
		I2410102		2	32	32				4	
		I2401201		2	32	28	4			4	
		I2410101		2	32	32				5	
		I2406104		2	32	32				5	
		I2405605		2	32	32				6	
		I2409502		2	32	32				6	
	4										
	6										
		S2430101		0						7	
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4											

		1.	2.	3.	4.
G2418101		H	L		M
G2418201		H	L		M
G2418301		H	L		M
G2418401		H	L		M
G2418501		H	L		M
G2418601	1	H	H		L
G2418602	2	H	H		L
G2418603	3	H	H		L
G2418604	4	H	H		L
G2408101		L	M	M	
G2412901		L	M	M	
G2412905		L	M	M	
G2412906		H	M	M	
G2412907		H	M	M	
G2412908		H	M	M	
G2412909			M	M	
G2413101	1		L	L	H
G2413102	2		L	L	H
G2413103	3		L	L	H
G2413104	4		L	L	H
G2413105	5		L	L	H
G2413106	6		L	L	H
G2430001		M	M	L	
G2430002		H	M		L
P2418501	“ ”	H	M		L
P2412901	1	L	M	L	
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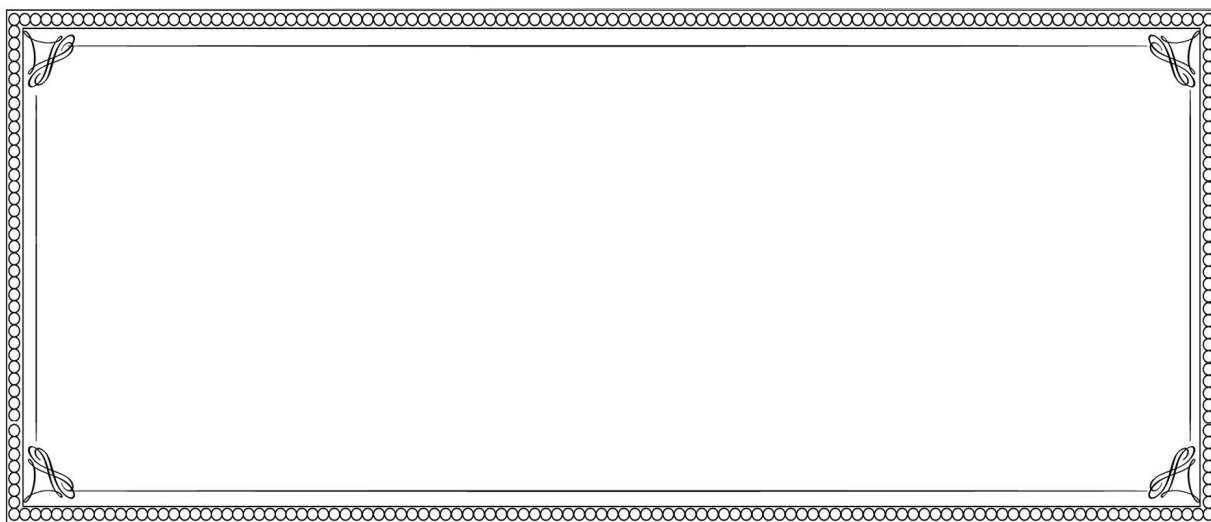
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P2430005		L	M		H
P2430103		H	M		H
F2410901					

		1.	2.	3.	4.
M2410201		L	M	H	
M2410202		L	M	H	
M2410206		L	M	H	
M2410203		L	M	H	
M2410204		L	M	H	
M2410205		L	M	H	
M2410207		L	M	H	
M2410208		L	M	H	
M2410103		L	M	H	
M2410210		L	M	H	
M2410201		L	M	H	
M2410212		L	M	H	
M2410214		L	M	H	
M2410209		L	M	H	
P2410101	Matlab	L	M	H	
P2410201		L	M	H	
P2410202		L	M	H	
P2410203		L	M	H	
P2410204		L		M	L
P2410205		L	H	M	
P2410906		M	H	H	
E2410201		L	M	H	
E2410202		L	M	M	
E2410203		L	M	M	
E2410101		L	M	M	
E2410102		L	M	M	
I2410102		H	H	L	
I2410101		H	H	L	
I2405605		L	M	H	
I2406104		L	M	H	

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I2401201		L	M	M	
I2409502		L	M	M	
S2430101		H	M	L	
S2430102		H	M		L
S2430103		H	M		L
S2430104		H	M		L

[illegible]

		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11
	Matlab											



							/			
1	H2410901		4.0	64	64				3	
2	H2410101		3.5	56	56				3	
3	H2410102		3.5	56	56				4	
4	H2410103		1	32			32		4	
5	H2410902		3.0	48	48				4	
6	H2410104		3.0	48	48				4	
7	H2410105		3.0	48	48				5	
8	H2410903	B	3.5	56	56				6	
9	H2410106	A	3.0	48	48				5	
10	H2410107		5.0						8	
			27.5	456	424		32			
			32.5							

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1	H2410901		4.0	64	64				3
2	H2410902		3.0	48	48				4
3	H2410903	B	3.5	56	56				4
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6	H2410203		3.0	48	40		8		6
7	H2410204		3	48	40		8		6
8	H2410205								