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x2040231 4

x2040241 8

x2040251 11

x2040261 14

x2040281 18

x2040291 22

x2040391 25

x2040501 29

x2040631 37

x3011291 41

x3040011 47

x3040021 51

x3040031 55

x3040301 59

x4040021 61

x4040031 65

x4040051 67

x4040071 72

x4040231 76

x4040241 3D 79

x4040251 82

x4040281 85

x4040361 90

x4040041 94

x4040541 98

..... 106

x2040191 106

x2040231 109

x2040251 116

x2040261 119

x2040281 123

x2040291 126

x2040391 129

x2040011 133

x2040521 137

x2040631 141

x3011291 145

x3040011 151

x3040911 .....8D361. 158

x3040921 160

x3040931 .....

8D361.....

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Mechanical Engineering Test Technology

X2040241

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1			1	2 1
2			3	2 1
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10			2	2 1

11			2	2 1

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x2040251

Engineering Materials and Metal Moulding Technology

x2040251

48

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			4	1:0.5
			7	1:0.5
			5	1:0.5
			6	1:0.5
		+	6	1:0.5
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		+	6	1:0.5
		+	2	1:0.5
			4	1:0.5

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Exchangeability and Technical Measurement

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		+	7+2	1:0.5
		+	9+2	1:0.5
		+	2+2	1:0.5
			6	1:0.5
		+	6+4	1:0.5

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x2040281

Elements of Control Engineering

X2040281

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x2040291

Fundamentals of Mechanical Manufacturing Technology

x2040291

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1			6	1:0.5
2		+	10+4	1:1
3			10	1:1
4		+	12	1:1
5		+	10+4	1:1

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2004 1

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x2040391

Descriptive Geometry and Mechanical Drawing

x2040391

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4			2	2 1
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8	--- 1		4	2 1
9			2	2 1
10			2	
11	( )		2	
12	--- 2		6	2 1
13			2	
14	( )		2	
15			6	2 1

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17			2	
18	--- 4		2	
19			8	2 1
20	---------- 5		2	
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Theoretical Mechanics

x2040501

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			2	1:0.5
			6	1:0.5
			2	1:0.5
			6	1:0.5
			2	1:0.5
			1	1:0.5
			1	1:0.5
			6	1:0.5

x2040631

Theory of Machines and Mechanisms

x2040631

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x3011291

Fundamental of Thermodynamics and Heat Transfer

x3011291

48

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p v t

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p v t

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6	2		4	2 1
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8	4		2	2 1
9	5		6	2 1
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10	1		2	2 1
11	2		6	2 1

12	3		2	2 1
13	4		6	2 1

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Metallurgical Machinery Design Theory

x3040021

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4			5	1 0.5
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6			4	1 0.5
7			5	1 0.5
8			2	1 0.5

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Design and Theory of Rolling Equipment

X3040031

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2			12	2:1
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Metallurgical production automation

x3040301

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5			6	2:1

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[2] 2006

[3] 2006

[4] 2006

[5] 2006

[6] 2006

[7] 1998

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Mechanical system design

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			11	2:1
			3	2:1
			9	2:1
			3	2:1
			2	

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[2] 2017 .
[3] 2009 .

x4040031

Optimal Design of Mechanical engineering

x4040031

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Hesse

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			1	2 1
			2	2 1
			4	2 1
			3	2 1
			8	2 1
			4	2 1
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1991 9
1990 5

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Motor Capacity Selection

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			8	1:1
			6	1:1
			4	1:1
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Mechanical Equipment Maintenance Engineering

x4040071

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2			4	2:1
3			8	2:1
4			4	2:1
5			2	2:1
6			2	
7			2	
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Marketing Management

X4040511

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