

≤ 60

1674

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ΣΥΛΛΟΓΗ ΒΑΛΚΑΝΟΛΟΓΙΑΣ

900! 900! 900! 900! 900! 900! 900! 900! 900! 900!

ბიზნესი (სადაცაც უნდა, 88%, 20% აქტიური)

80

$\forall x \in K_0, \exists y - \partial f(x) = \{y\} \Rightarrow \Gamma C$

D

K
80
80

1.

1.1

1.2

1.2.1.

1			2021	9	1	
2			2021	4	29	
3		591	2013	12	7	
645						
4		708	2019	4	1	
5					13	
92			2022	4	21	
6			103			
		2022	11	9		
7						1
2019	1	1				

8								3	2015
5	29			80		2015	7	1	
9									16
2008	2	1							
10							2	2019	9 1
11									
30	2015	5	29			80		2015	7 1
12								44	2015 5
29				80		2015	7	1	
13									55
2015	3	23			79		2015	7	1
14									
	[2016]8		2016	2	5				
15				2015					
2015	5		2015	5	1				
16								2015	
				[2015]80		2015	8	19	
17									
	[2011]95		2011	7	1				
18									
						[2011]142		2011	7 1
19									
	2016	3		2016	4	28			
20									
		2020	3		2020	4	1		
21									
								2019	107

22

2020 1 2020 5 30

23

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[2021]8

2021 5 16

24

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(XF/T 4 2020)

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GB/T 13869-2017

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2005 4

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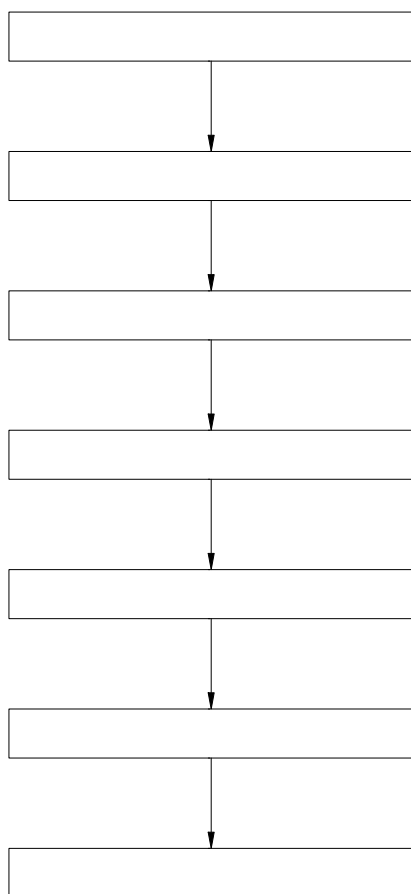
1

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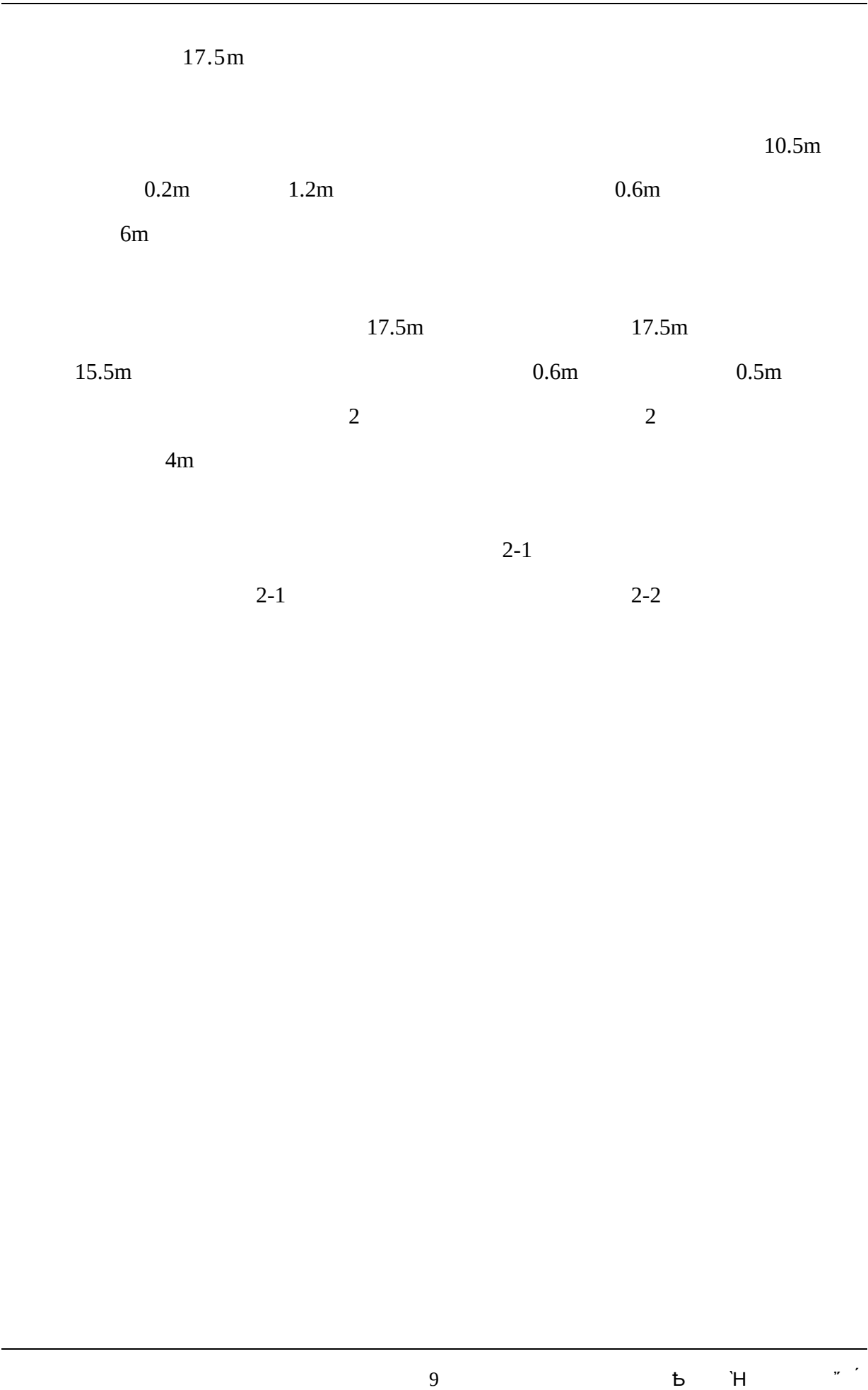
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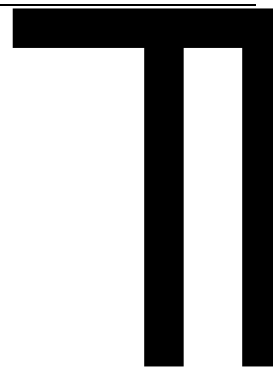


1 1

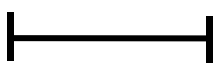
2.

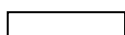
3041m ²	SF	4	1	1
4	1			1





2-1







2-1

m

G202

5.5

51.5

7

11.5

10.5

17.5

H=6m

5

17.5

1 H=8m

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5

6

-

-

-

5

57.5

2 H=8m

-

5

53

G202

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				5	40
	2 H=8m		-	5	37
	G202			3	40
				6	17
				9	21
	H=6m			5	21
	1 H=8m		-	5	12
			-	-	-
				3	57.5
	2 H=8m		-	5	53
	G202			3	46.5
				6	17
				9	24.5
	H=6m			5	24.5
	1 H=8m		-	5	12
			-	-	-
				3	63.5
	2 H=8m		-	5	59
	G202			3	13.5

				6	49
				9	47
	H=6m			5	47
	1 H=8m		-	5	44
			-	-	-
				3	40
	2 H=8m		-	5	44
	G202			3	13.5
				6	49
				9	47
	H=6m			5	47
	1 H=8m		-	5	44
			-	-	-
				3	44
	2 H=8m		-	5	48
	G202			5	46.5
				7	17
				10.5	24.5
	H=6m			5	24.5
	1 H=8m		-	5	12
			-	-	-

2-2

m

	0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-
	0.5	0.5	0.5	0.5	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	3	8
	-	-	-	-	-	-	-	-	-	-	-	-	2	8
	4	17.5	3	17.5	4	23.5	3.5	23.5	5	21.5	4	32	5	15.5
	2	3.5	2	3.5	2	3	2	3	-	-	-	-	-	-

2.4

2-3

2-3

1			180m ²			
2			352m ²			H=6m

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2.7

2.7.1

1

912101115553306286

2023 7 18

2

[2022]000045

2022 1 17

3

(1062017024)[2024]02263

2025 3 6

4

2.7.2

1

2

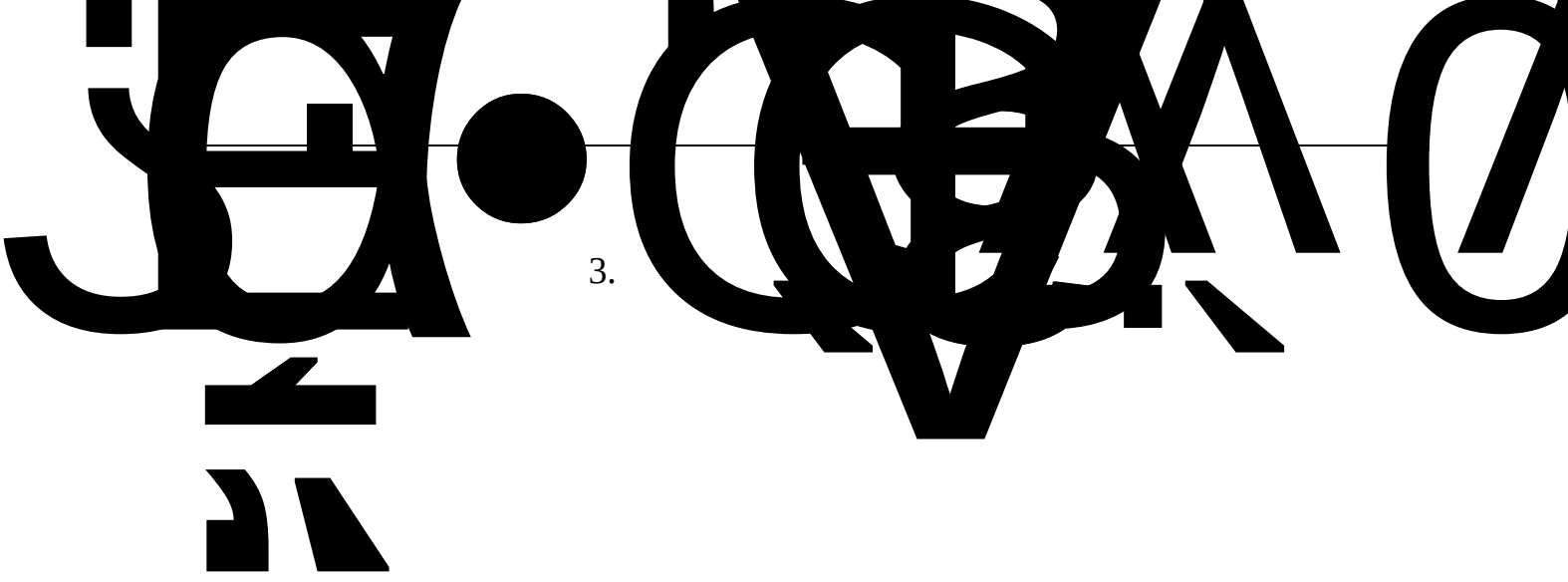
a. 5

b.

c.

3

4 v x n



3.

3.1

3.1.1

GB18218-2018

1

2

3.1.2

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015

h



15min

50m

300m

1674

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282-338

0.6%~7.2%

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3.2.2

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2			
3			
4			
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6			

3.3.1

1

70m

6 46

2

1987 2 4

1986 5 2

3

3.3.3

3.3.4

3.3.5

4.

4.1

8

1

2

3

4

5

6

7

8

4.2

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5.

7

5-1

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	10		
	11		
	12		
	13		
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	16		
	17		
	18		
	1		
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	3		
	1		
	1		
	2		
	3		
	1		
	2		
	3		
	1		
	2		
	3		

2024 4 15

5-3

1

GB50156-2021

3.0.4

		4.0.4	4.0.4	
	4	GB50156-2021 4.0.12		
	5	GB50156-2021 4.0.13		
	1	GB50156-2021 5.0.1		
	2	4m 6m 8%	10.5m 8%	
	3	GB50156-2021 5.0.3		
	4	“ ” “ ”	“ ” “ ”	
	5	3m GB50156-2021 5.0.6	GB50156-2021 5.0.6	

1.2m³

100mm 1.2m

6
GB50156-2021
(5.0.7

7
GB50156-2021
5.0.8

8
300m²
GB50156-2021
5.0.9

9

5				
		$10^9\Omega$		
	$10^9\Omega$			SF
			GB50156-2021	
			6.1.7	
		$A=0.04V_t$		
6.				SF
	11.2		GB50156-2021	
			6.1.8	
				SF
7				
			GB50156-2021	
			6.1.9	
8				
		80mm		SF
	4mm			
			GB50156-2021	
			6.1.10	
9				
			GB50156-2021	
			6.1.11	
10				
	0.5m			

11

GB50156-2021
6.1.13

12

GB50156-2021
6.1.14

13

90%

95%

GB50156-2021
6.1.15

14

GB50156-2021
6.1.16

0.8L/h

4

GB50156-2021
6.2.4

5

GB50156-2021
6.2.5

1

GB50156-2021
6.3.1

2

GB50156-2021
6.3.2

3

GB50156-2021
6.3.3

4

” ”

5		GB50156-2021 6.3.5		
6		GB50156-2021 6.3.6		
7	50mm 1.0 1.2 25mm	GB50156-2021 6.3.7	50mm 25mm	
8				

50mm

100mm

45

T

150mm

200mm

200mm

	4mm $10^{10}\Omega$ $10^8\Omega\cdot m$ 100kV		$10^8\Omega\cdot m$ $10^{10}\Omega$	
	13	GB50156-2021 6.3.13		
	14	GB50156-2021 6.3.14		
	15 2‰ 1%	GB50156-2021 6.3.15	2‰ 1%	
	16 0.4m 0.2m 100mm	GB50156-2021 6.3.17	0.5m 0.2m 0.5m	

	100mm	4mm	6.5.3		
		200mm			
		10mm 30mm			
	23		GB50156-2021 6.5.4		
	24	6.3			
	5mm		GB50156-2021 6.5.5		
		5%			
	25		GB50156-2021 6.5.6		
		3.5mm		3.5mm	

М

AQ3010-2022

4.4

2

AQ3010-2022

4.4

4

4.5m

5m

GB50156-2021

13.1.4

4.5m

3m

4

GB50156-2021

13.2.6

0.5mm

0.65mm

0.7mm

5

Δ

GB50156-2021

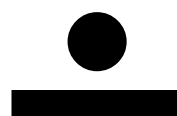
13.2.7

6

GB50156-2021

13.2.8

7



10

5

GB50156-2021
13.2.12

	3	5.0.8		
	1	GB50156-2021 13.5.1		
	2. 1 2	GB50156-2021 13.5.2		
	3.	GB50156-2021 13.5.4		

5-7

1

140kw

GB50156-2021

2m

14.1.3

2

12

5

GB50156-2021

300cm²/m²

2

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2

4.5m

6m

2m

GB50068

GB50156-2021
14.2.2

GB50009

GB50009

GB50011

GB50011

3

0.15 0.2m
1.2m

0.6m

GB50156-2021
14.2.3

1.2m
0.2m
2./ ǎ .

100mm

0.5m

7

B

B

GB50156-2021

GB50016

14.2.11

8

3h

GB50156-2021

14.2.12

9

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5-8

	“	”		

5/8 x n j v 'H

6.

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10

11

[2018]74

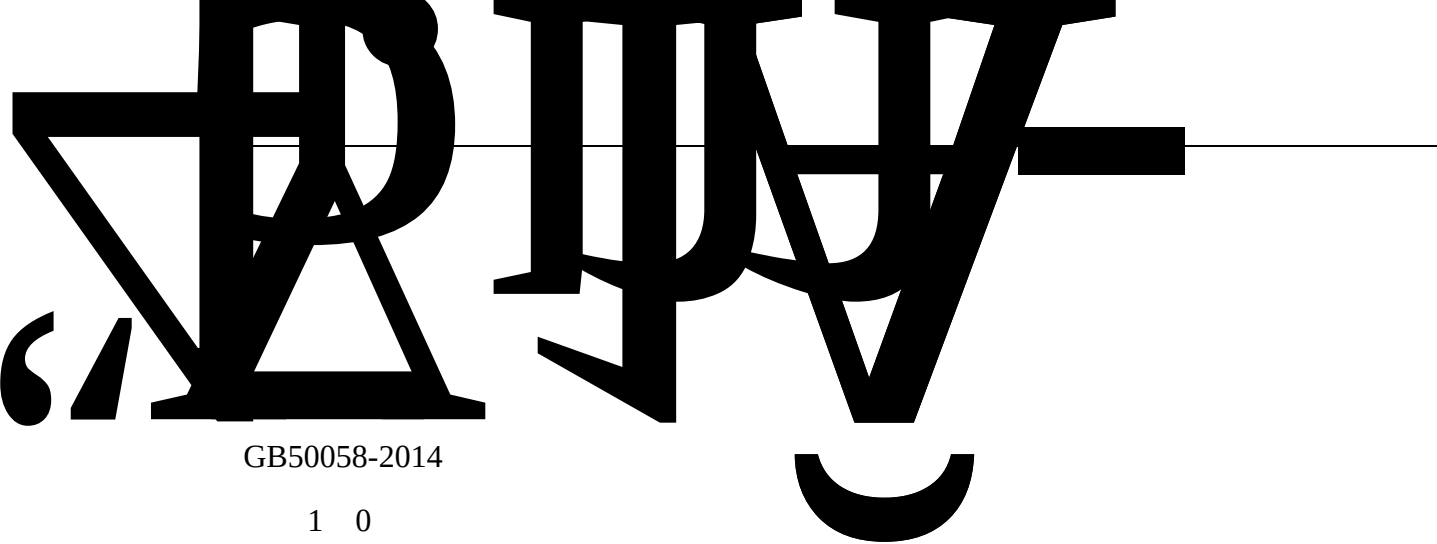
“

”

12

7.

GB50156-2021



GB50058-2014

1 0

2 1

3 2

2. 1

3. 1

1 1

2 4.5m

0.15m 3m 2

1

4.
