

[2].

1 [3 – 5].

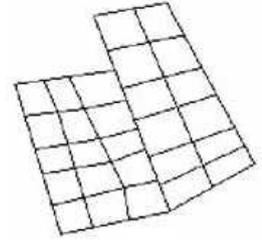
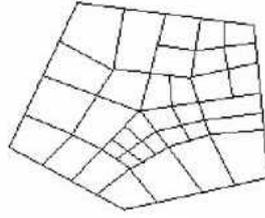
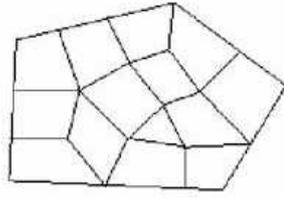
1

1	2	3	4
1.			
-	$\tau = \frac{L_{\max}}{L_{\min}}$	$[1, +\infty)$	1,00
-	$\sigma = \frac{L_{\max}}{R_i}$	$[1, +\infty)$	4,90
-	$\omega = \frac{R_c}{L_{\max}}$	$[\frac{1}{2}, +\infty)$	0,61
-	$\beta = \frac{R_c}{R_i}$	$[1, +\infty)$	3,00
m	S S_j	$q_e = \max_{i=1}^m \frac{S}{S_i}$	$[0, +\infty)$ $\leq 20 - 30$
		$q = C \frac{0,5 \cdot a \cdot b \cdot c}{a^2 + b^2 + c^2}$	$(-\infty, 1]$ $(0, 1]$
-	-	$\mu = \frac{V}{abc}$	$[\frac{\sqrt{2}}{12}, +\infty)$ $\frac{\sqrt{2}}{12}$
4-	-	$k = \frac{V^4}{(\sum_{i=0}^3 S_i^2)^3}$	$(0, 1]$ $4,57 \cdot 10^{-4}$

1	2	3	4
\bar{L}	$\alpha = \frac{\bar{L}^3}{V}$	$[1, +\infty)$	8,49
\tilde{L}	$\gamma = \frac{\tilde{L}^3}{V}$	$[1, +\infty)$	8,49
2.			
	δ	$[\arccos(1/3), \pi)$	$\arccos(1/3)$
1	2	3	4
	θ	$(0, \pi/2]$	$\pi/2$
$(\Theta_{\min}, \Theta_{\max})$	$\Theta_{\min}^{(s)} \geq \Theta_{\min}$, $\Theta_{\max}^{(s)} \leq \Theta_{\min}$	-	-
α_n (60° ; 90°) (α_{\min}) (α_{\max})	$\max \left[\frac{(\alpha_{\max} - \alpha_n)}{\alpha_n}; \frac{(\alpha_n - \alpha_{\min})}{\alpha_n} \right]$	$[0,2) (\quad .);$ $[0,3) (\quad - \quad .)$	0,25 – 0,5
3.			
(\quad)	n	$[1, +\infty)$	3,4

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(.1,),
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(.1,) (, 1,) [6 -
9] () (, 1,).

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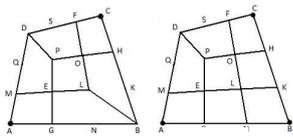
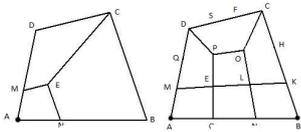
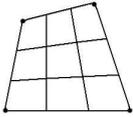
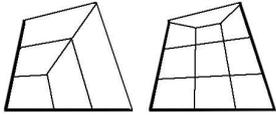
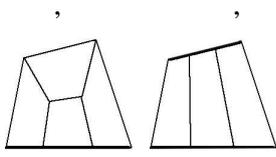
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(.2,).

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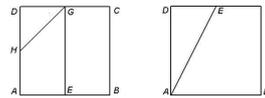
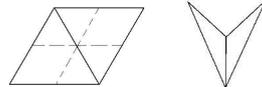
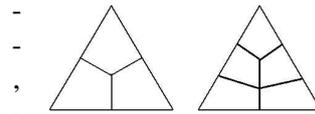
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.4, , -

.2, ,

.4, , -

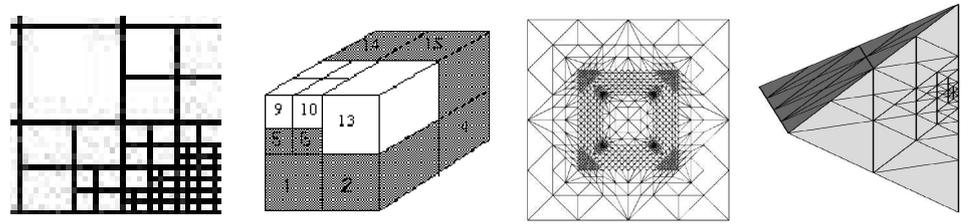
) [12 - 15].



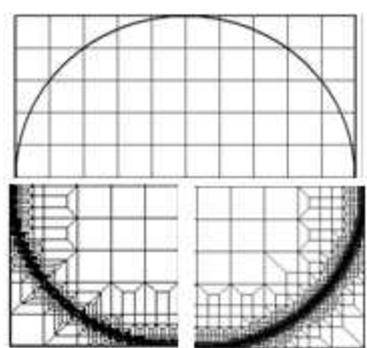
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(.3, -) [16] (.3, -), [17].

(.3, - -),



.5

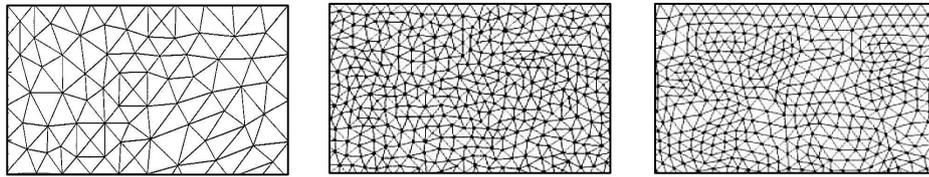


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(.5,) [18 - 26], .5,

(.6,) .6

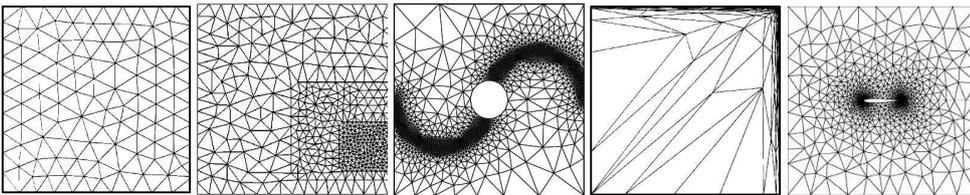
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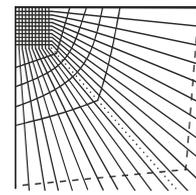
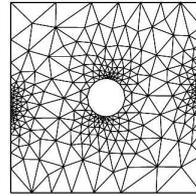
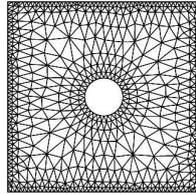
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(8,).

(. 8,) [28].

1,25,

[29].



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[33].
(. . . 5, 6),
[34].

[1].
(,)
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(. . . 2,).

[1].

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31. : / – ., 2006. – 32 . (/ -
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32. : 2 . / : « », 1991. – 1056 .
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 , 9)
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19.10.2015,
 28.10.2015