

621.01(06)

..: +38 (095) 0739343; E-mail: [tehmash@fnm.donntu.edu.ua](mailto:tehmash@fnm.donntu.edu.ua)

1.

[1].

1200 [2].

3-117,

[3, 4, 5].

2.

$$\nu = \frac{V}{V_0}, \quad (1)$$

$$V - \\ V_0 - \\ ( \quad ).$$

(1)

 $v$ 

$$V = V_0 .$$

$$\left. \begin{array}{l} v \rightarrow \max , \\ V_0 \rightarrow \min . \end{array} \right\}$$

« »,

$$P = 1/v ;$$

### 3.

( )

$$y \quad a ,$$

$$Str = \{y, a\},$$

$Str -$

$y -$

$a -$

$y \quad a$

$$y = \{y_1, y_2, \dots, y_v\},$$

$y_\eta - \eta -$

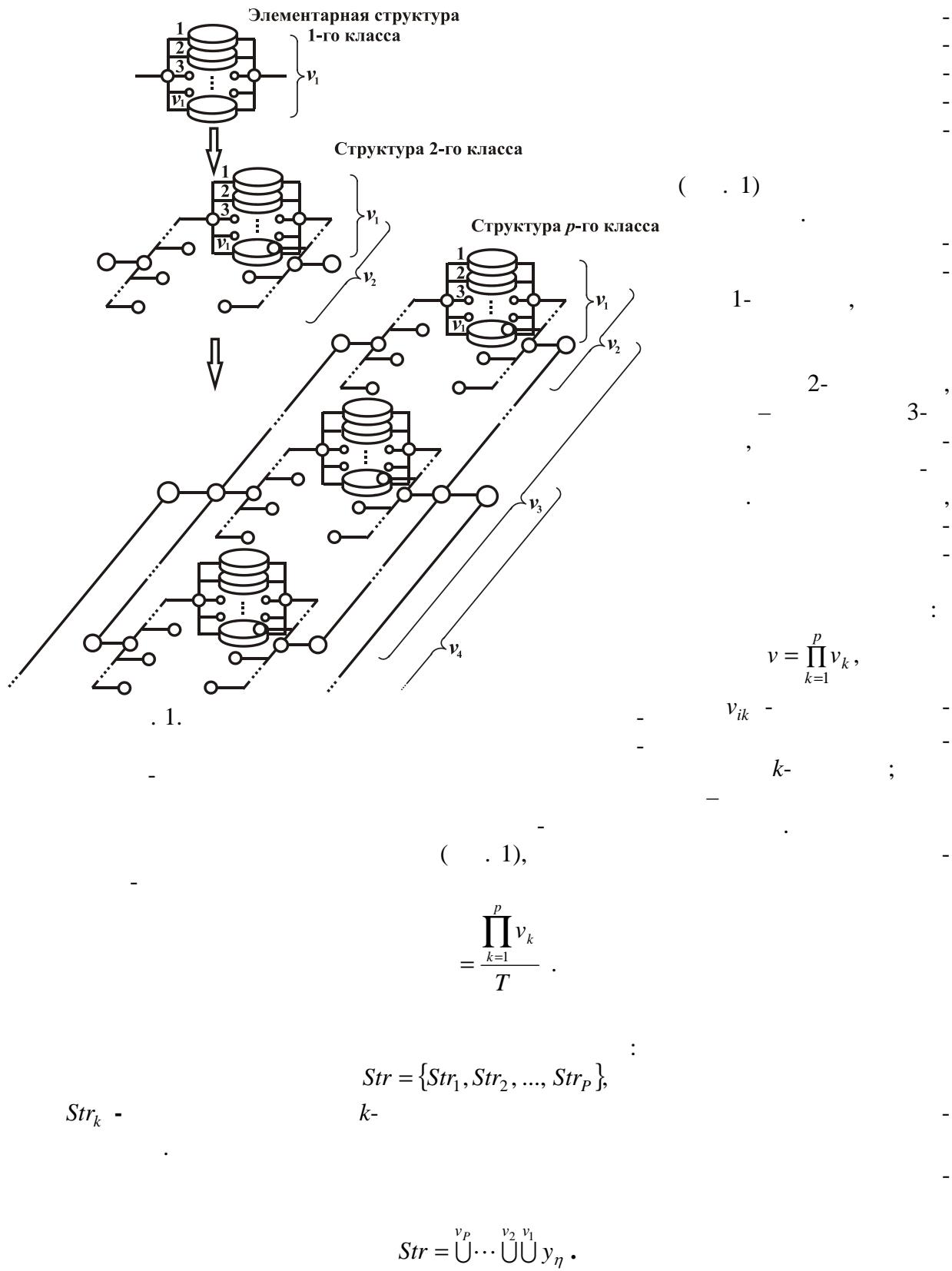
$y ;$

$$a = \{a_1, a_2, \dots, a_{v_i}\}$$

$a_\eta - \eta -$

$y .$

$$y \quad a .$$



4.

(4),

a

y

2.

2

, . 2, -  
: 1 -. 2, -  
, . 2, -. 2, -  
, 2 -

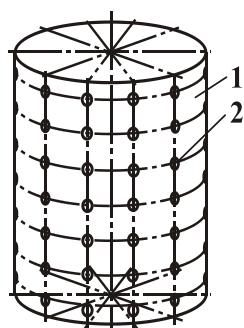
,

,

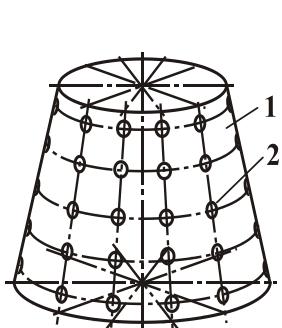
3

: . 3, -  
- , . 3, -  
1 - , 2 -  
, 3 -, . 3, -  
- , . 3, -  
, 2 -

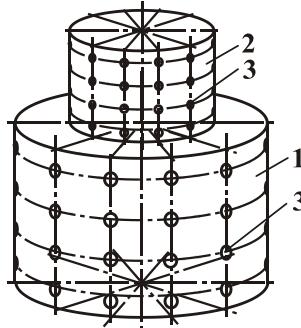
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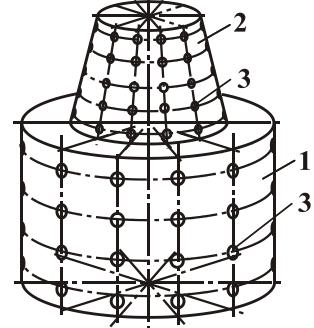
a)



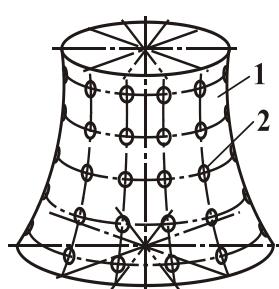
б)



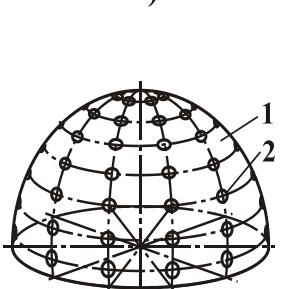
а)



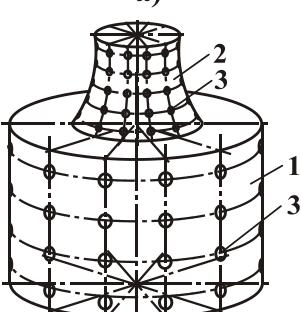
б)



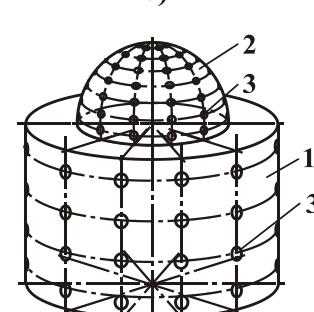
Б)



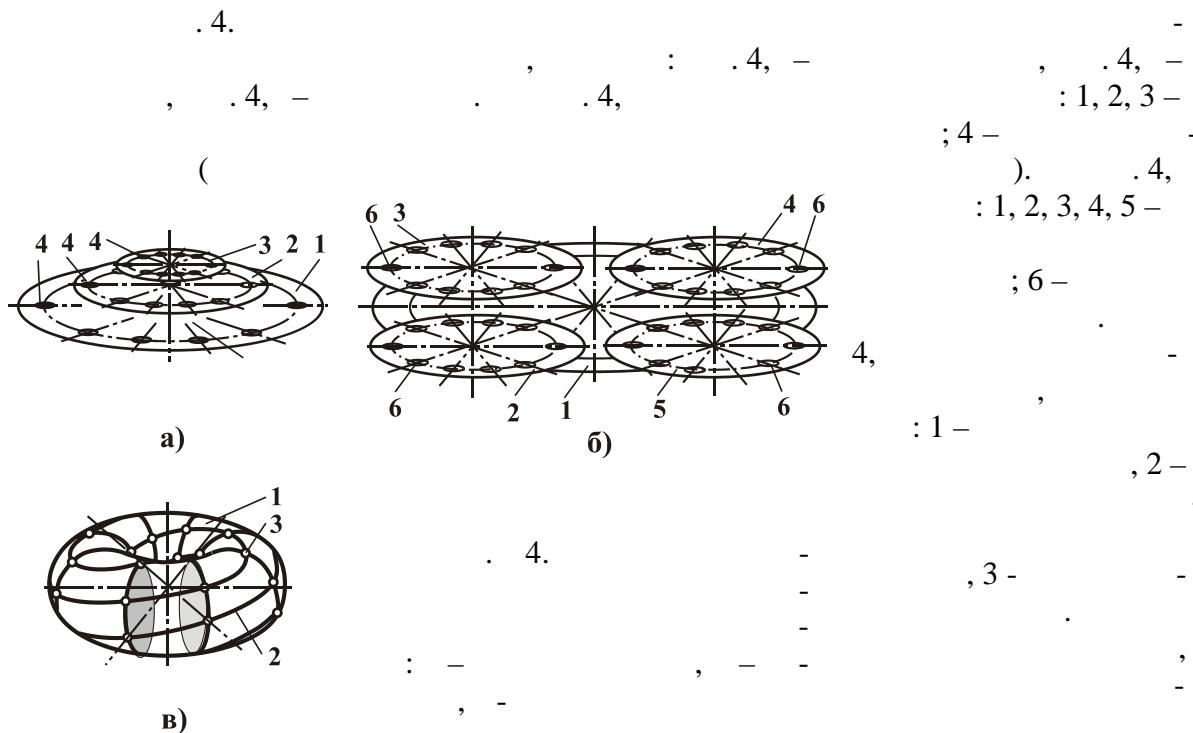
Г)



а)

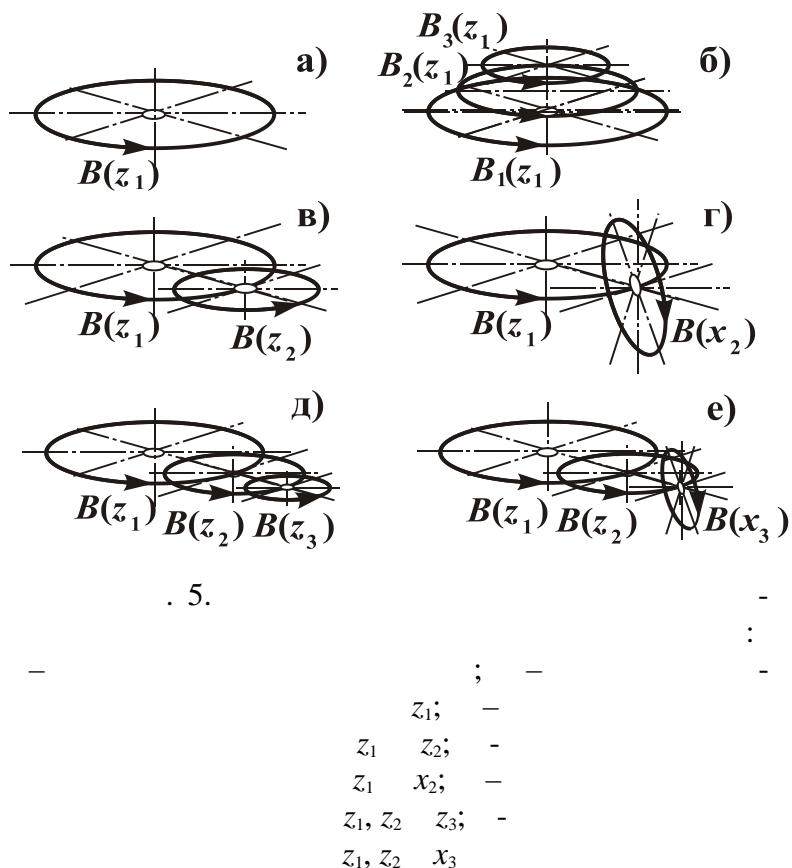


б)



5.

: (Trans) (Rot)

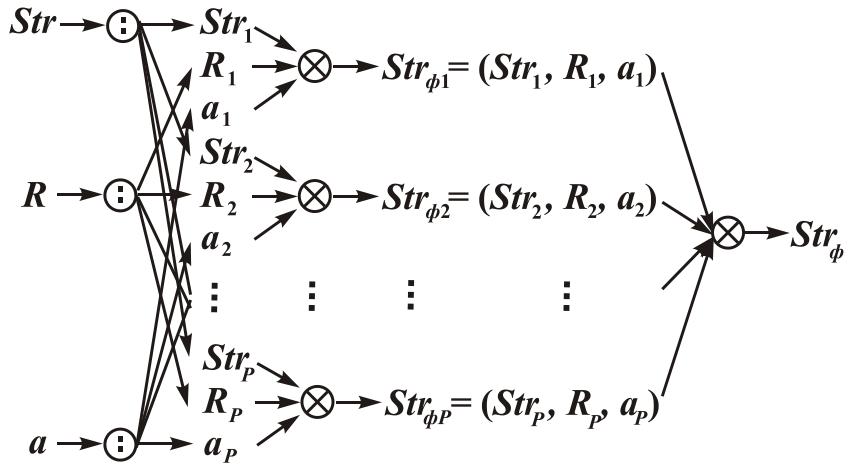


$$a = \{a_1, a_2, \dots, a_p\},$$

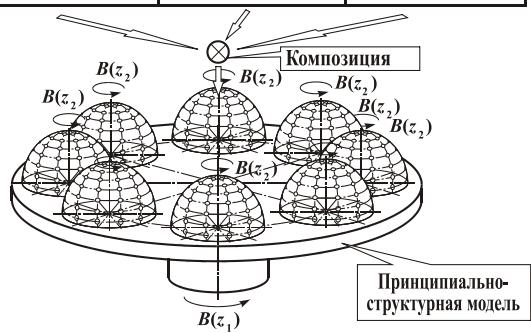
$a_k -$

$k-$

6.



Варианты структурных моделей	Варианты пространственных моделей	Варианты кинематических схем
(n <sub>1</sub> ) Структура p-го класса 	(n <sub>2</sub> )  ⑥  ⑤  ④  ③ 	(n <sub>3</sub> )  ④  ③  ②  ① 
(2) Структура 2-го класса 	(1) 	



6.

7



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7.

D. Mikhaylov

# **SYNTHESIS OF STRUCTURAL SUPPORT PVD SYSTEMS TO ENSURE COVERAGE GAS TURBINE ENGINE BLADES**

The article presents data on the structural synthesis of technological support PVD systems. Here requested to perform the creation of the faceplate layout scheme based on principle and structural model. This model is based on the composition of several models. The rational alternative models defined technical and economic performance PVD system. The paper shows the characteristics of the synthesis of technological support to generate lots of possible models chucks vacuum chamber.

**Keywords:** synthesis, chuck vacuum chamber, in principle, the structural model, the performance of the installation.

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