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X-

[1, 2, 3, 4]

[5].

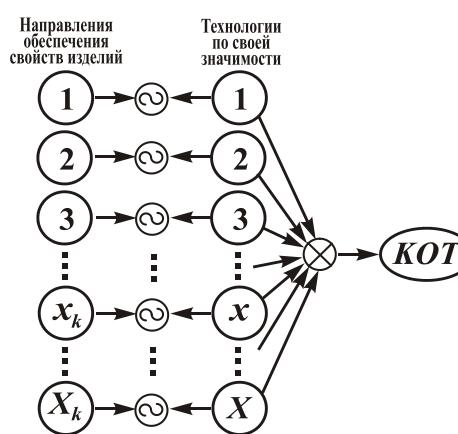
[3, 4]

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1.
2.
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(. 2):

1. T_1 ,
, , , ...,).
2. T_2 ,
(, , ,).
3. T_3 ,
(, , ,).
 x . T_x ,
(, , ,).
 X . T_X ,
(, , ,).

$KOT = \{ T_1, T_2, T_3, \dots, T_x, \dots, T_X \} ; \quad (1)$

$KOT -$, X ; $T_x - x$;
 $X -$ ().

$$KOT = \begin{vmatrix} T_{11} & T_{12} & T_{13} & \dots & T_{1k} & \dots & T_{1K} \\ T_{21} & T_{22} & T_{23} & \dots & T_{2l} & \dots & T_{2L} \\ T_{31} & T_{32} & T_{33} & \dots & T_{3m} & \dots & T_{3M} \\ \dots & \dots & \dots & \dots & \dots & \dots & \dots \\ T_{x1} & T_{x2} & T_{x3} & \dots & T_{xp} & \dots & T_{xP} \\ \dots & \dots & \dots & \dots & \dots & \dots & \dots \\ T_{X1} & T_{X2} & T_{X3} & \dots & T_{Xr} & \dots & T_{XR} \end{vmatrix} ; \quad (2)$$

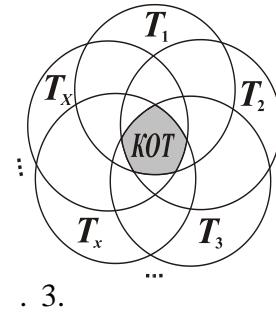
$T_x = \{T_{x1}, T_{x2}, T_{x3}, \dots, T_{xp}, \dots, T_{xP}\}$ - x -
 $);$
 $K, L, M, \dots, P, \dots, R - (1, 2, 3, \dots, x, \dots, X$

$$, \quad (2) \\ \vdots \\ T_{ij} = \{t_{ij1}, t_{ij2}, t_{ij3}, \dots, t_{ijg}, \dots, t_{ijG}\} ; \quad (3)$$

T_{ij} -
 $t_{ijg} - g - (2), \quad i - T_{ij} ;$
 $G - T_{ij} .$



2.



3.

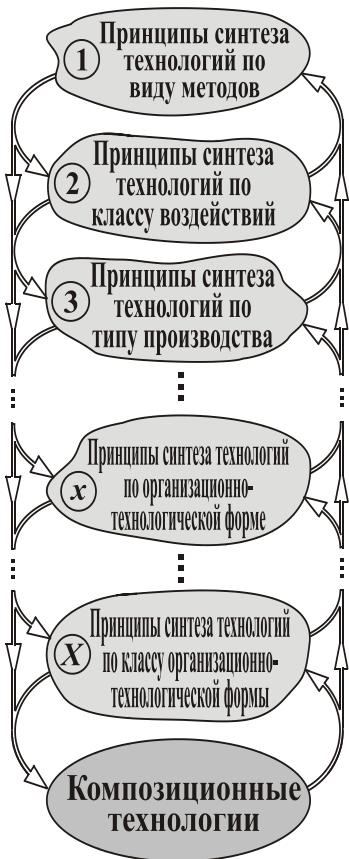
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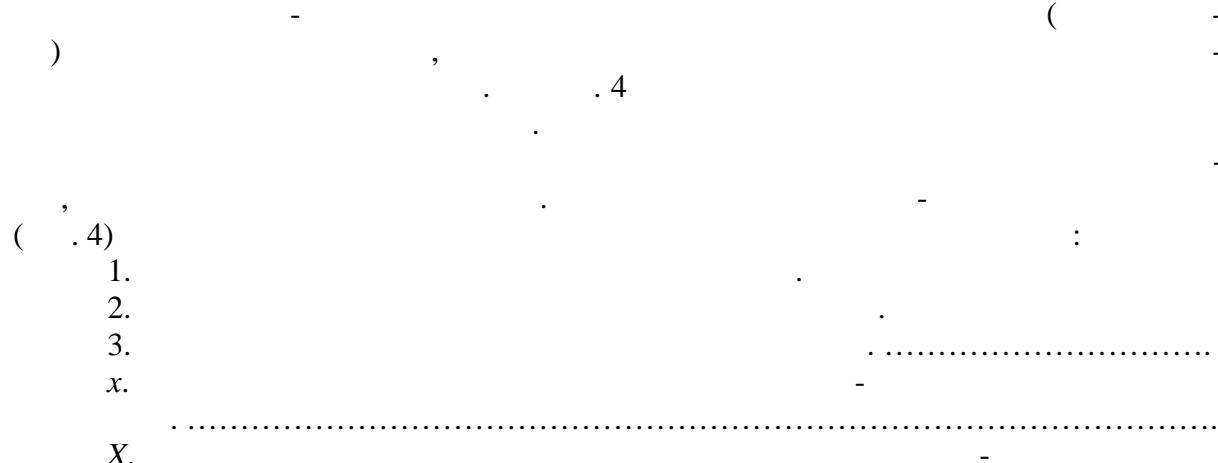
$$T_1, T_2, T_3, \dots, T_x, \dots, T_X$$

$$KOT = \bigcap_{x=1}^X T_x ; \quad (4)$$



4.

6.

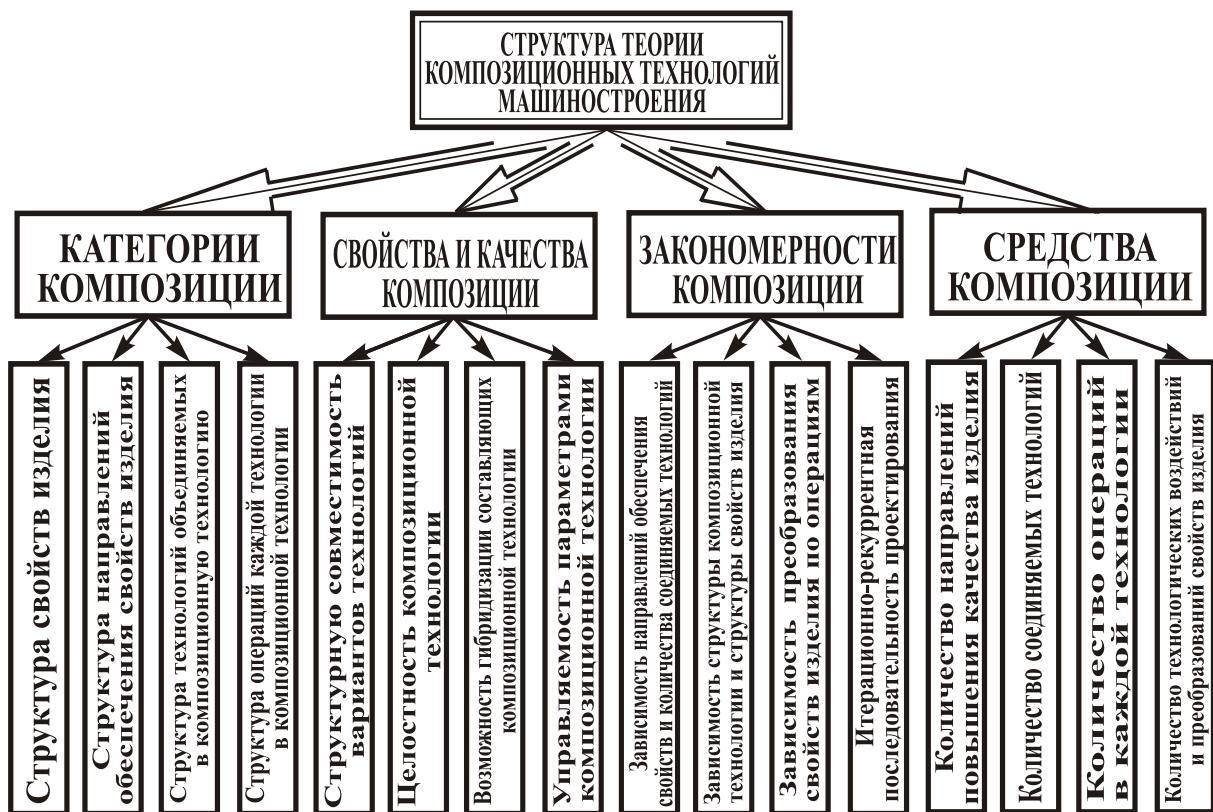


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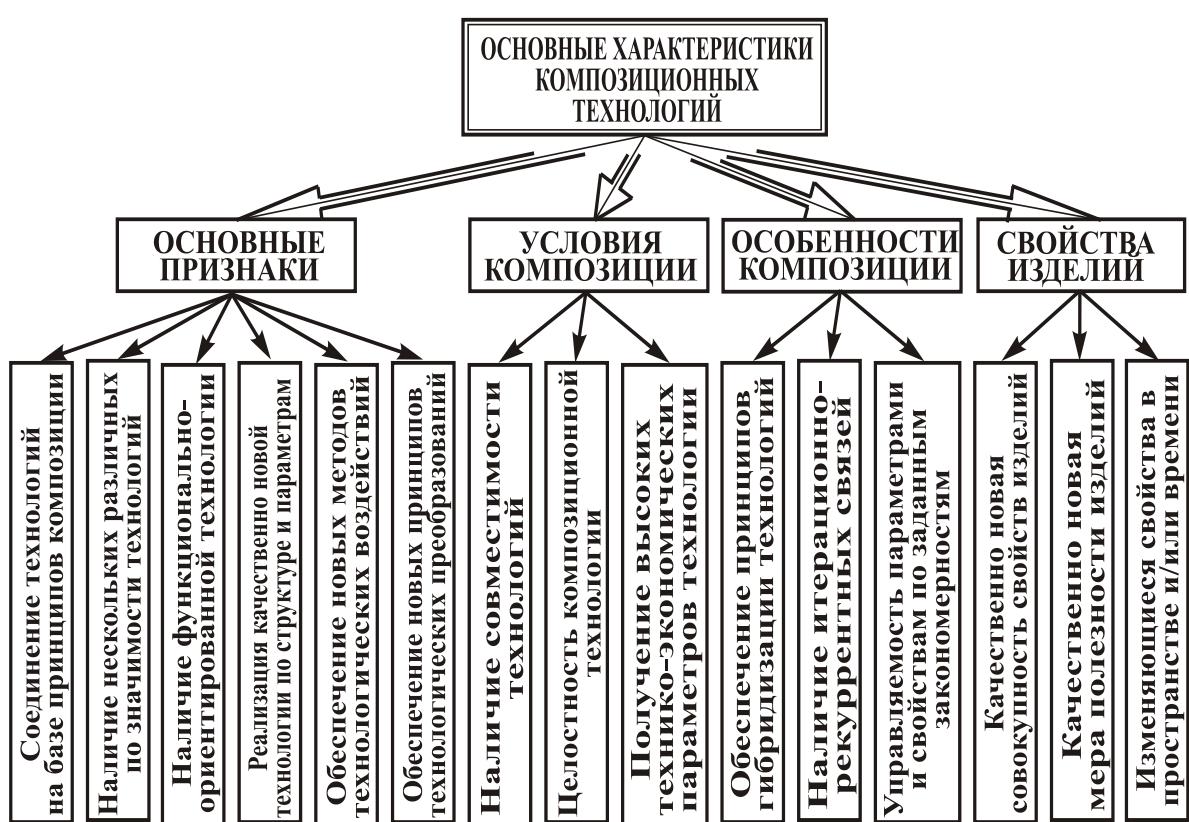
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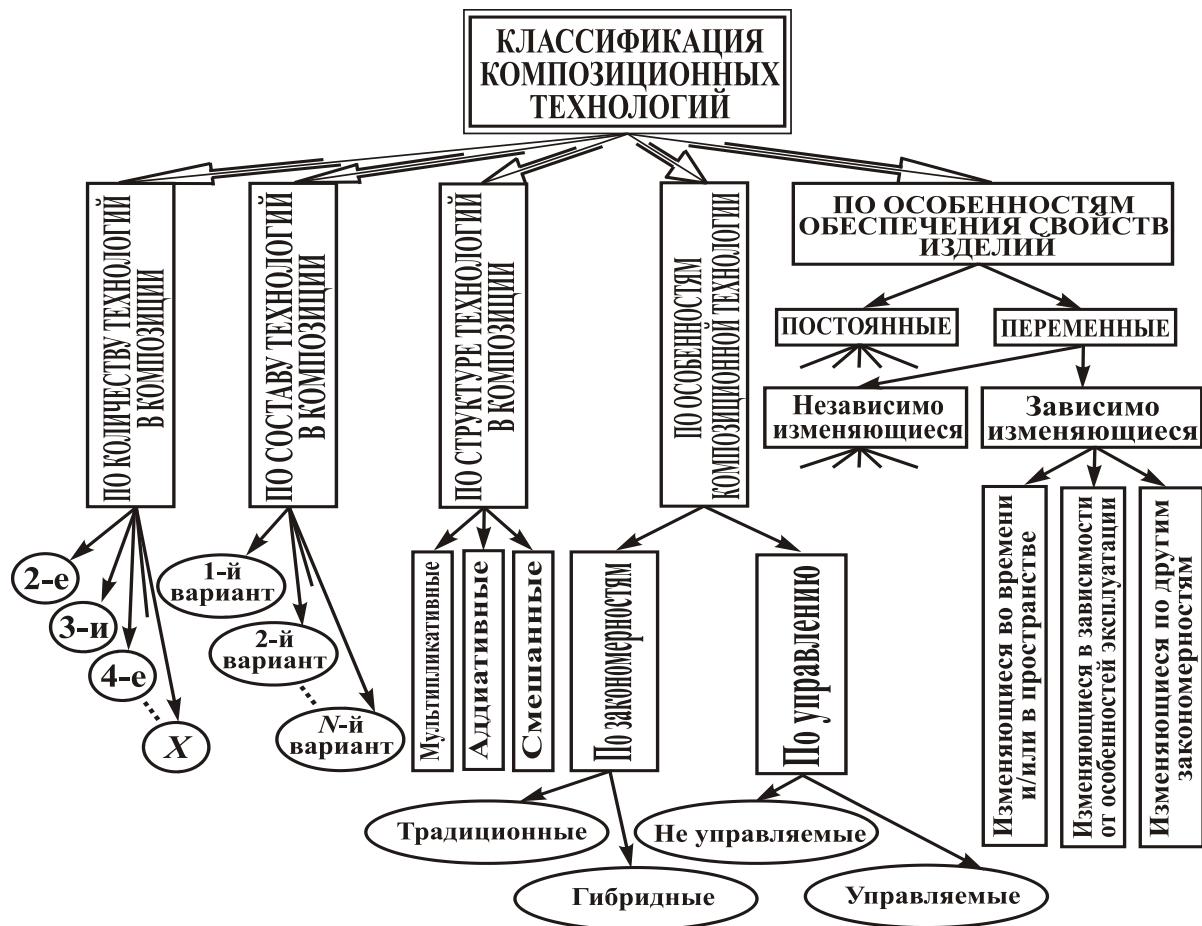
[3, 4].

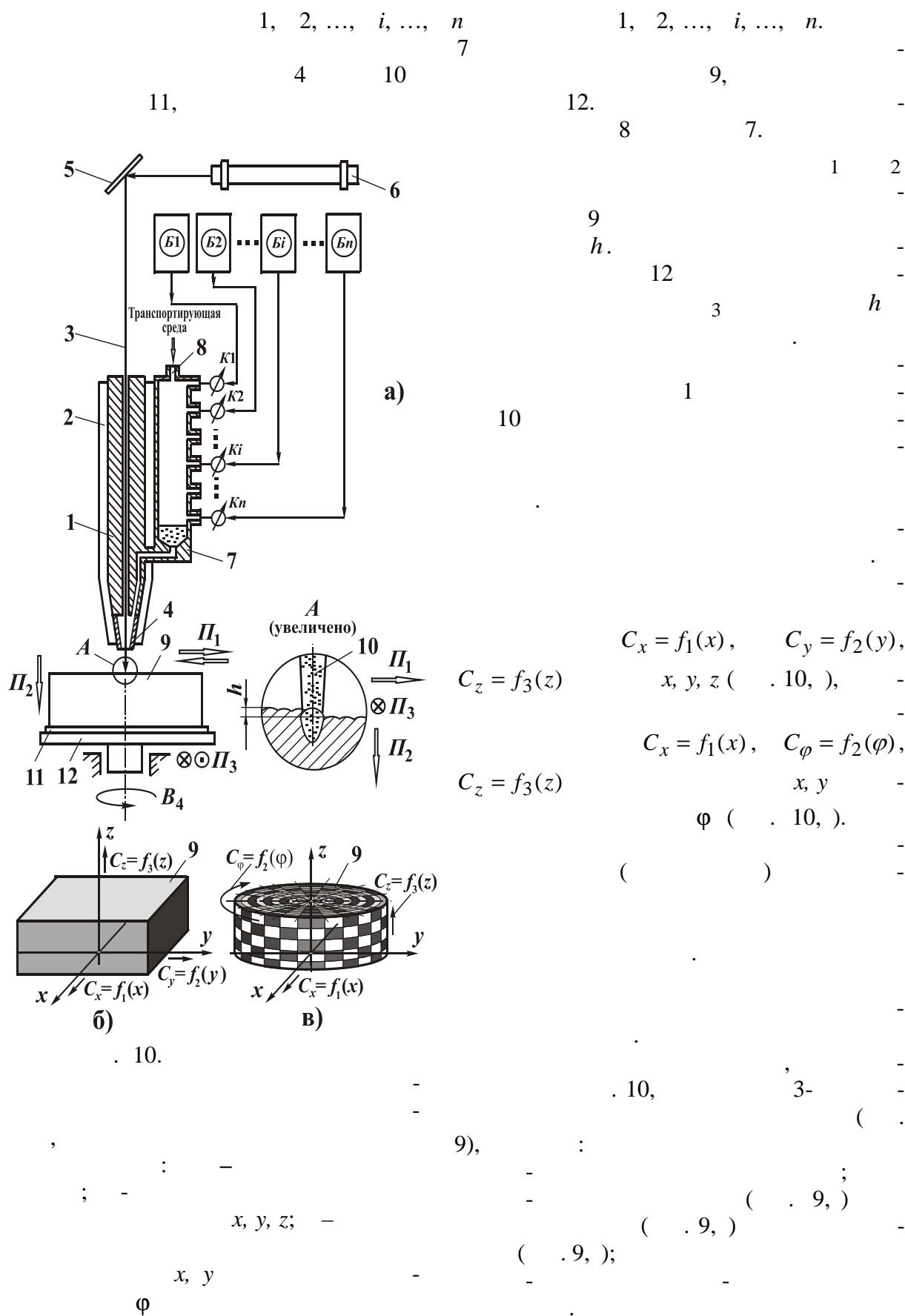
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31.01.2012.

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E.A. Mikhaylova**

BASIC FEATURES AND PRINCIPLES OF CREATION OF COMPOSITION TECHNOLOGIES OF ENGINEER

- Basic features over are in-process brought and basic principles of creation of composition technologies of engineer are given. General approach of creation of these technologies is worked out. He is based on the multilevel composition synthesis of different on meaningfulness technologies on the basis of principles of composition in the shells of levels. Here amount of technologies connected in composition technology determined by the number of necessary directions of providing of properties of good. Connections between the levels of technologies will be realized iteratively-recurrent. The kernel of process of planning of these technologies are combined or hybrid - , an external shell is based on principles of the functionally-oriented technologies, intermediate shells are formed on the basis of different on meaningfulness technologies, including macro-, micro- and nanotechnologies.
- **Keywords:** quality of wares, principles of creation, functionally-oriented approach, composition technology.