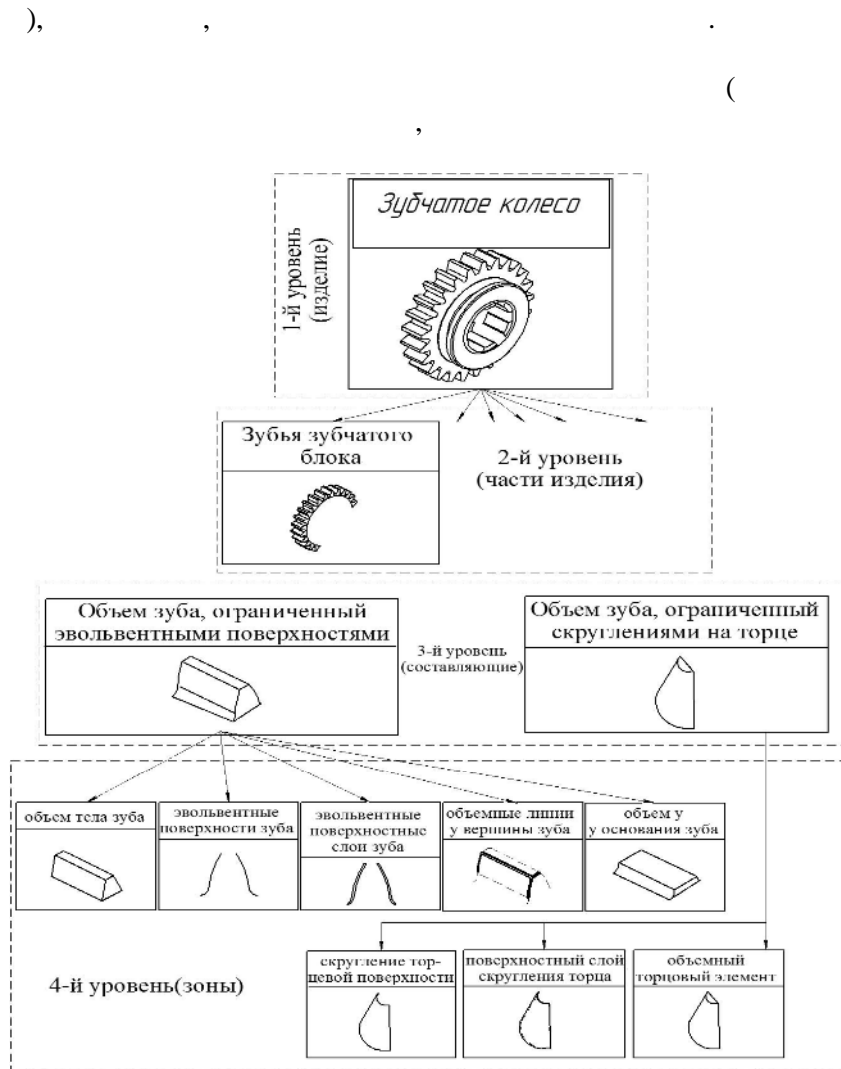


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 - [6];
 - [7].
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 - [1,2,3],
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2.

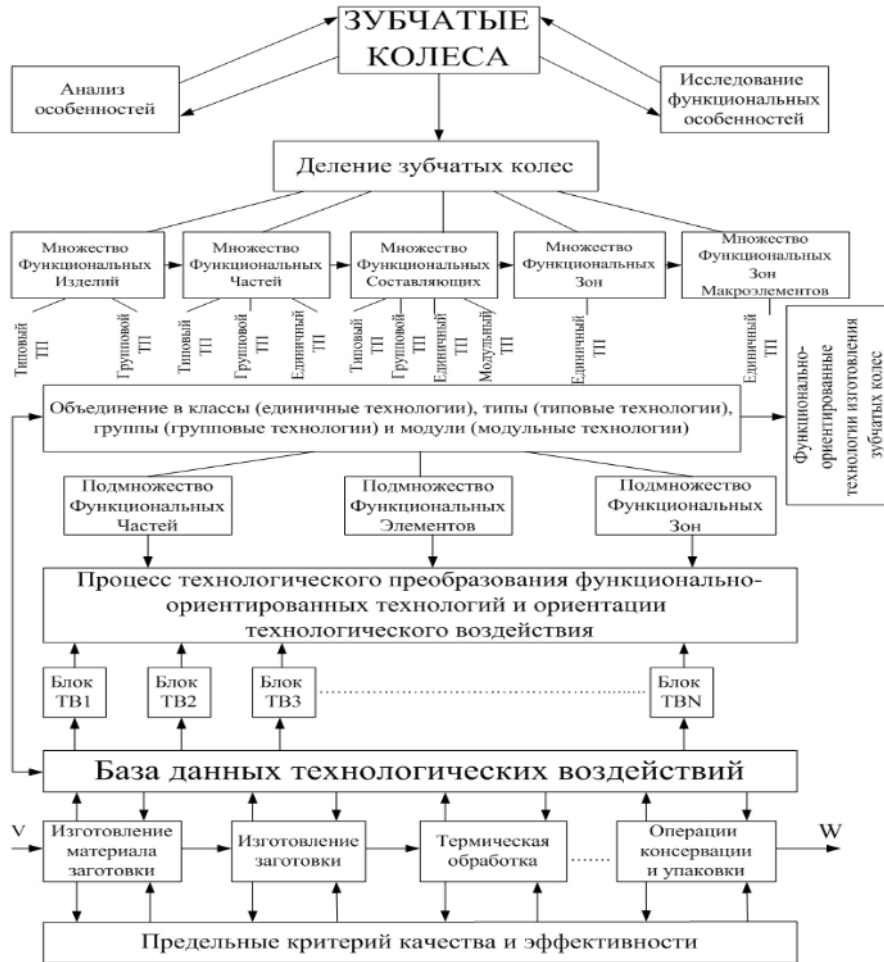
[4],



1.

[1],

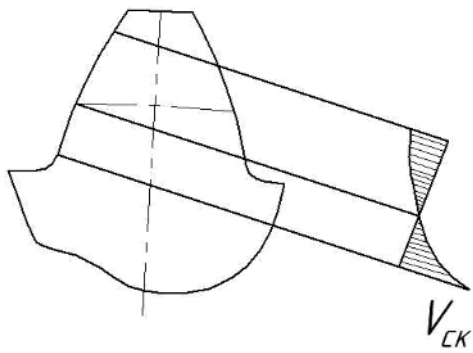
(. 1).



2.

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[1].

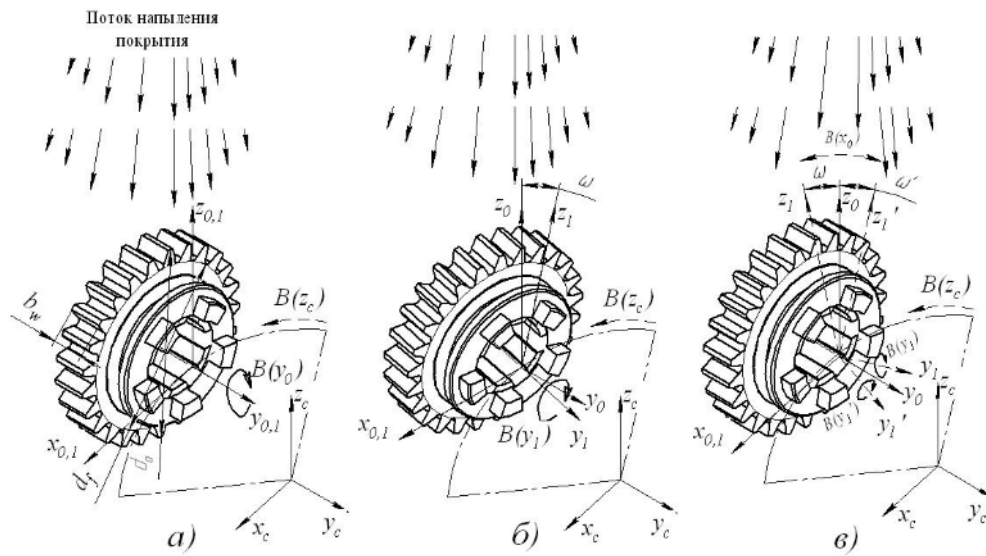


.3.

(.3).

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(. 4).



. 4.

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(y_l),

(z_c).

$$Ort(x_c, y_c, z_c) = B(y_0) \cup (\tilde{z}_c)$$

(y_l)

$x_0y_0z_0$

$x_0y_1z_1$

(z_c).

$$Ox_0y_0z_0 \rightarrow Ox_0y_1z_1$$

$$Ort(x_c, y_c, z_c) = B(y_1) \cup (c)$$

x_0 .

[- ; ']

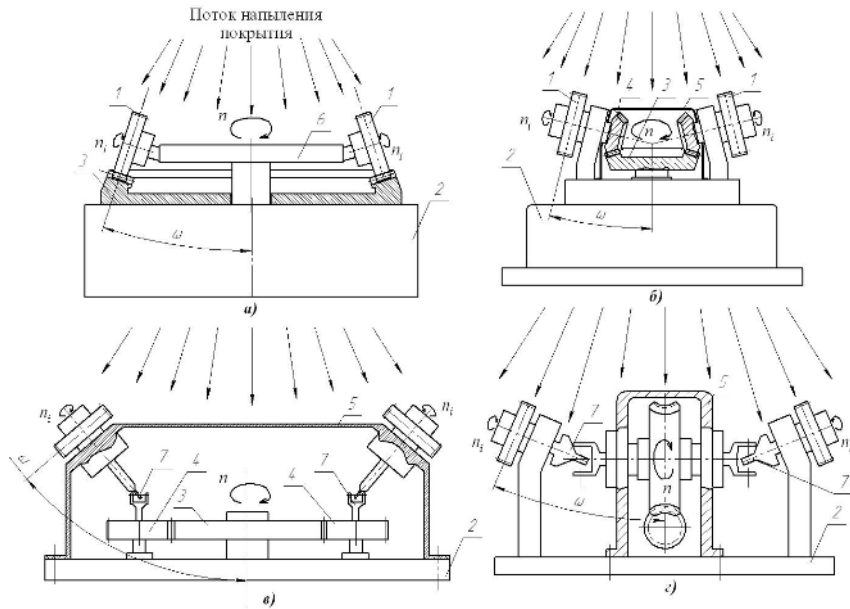
$x_0y_1z_1$. $x_0y_1'z_1'$, =0,

$x_0y_0z_0$.

(z_c).

$$Ox_0y_0z_0 \rightarrow Ox_0y_1z_1 \dots Ox_0y_1'z_1'$$

$$Ort(x_c, y_c, z_c) = B(y_0) \cup B(x_0) \cup (c)$$



5.

: 1 - ; 2 - ; 3 -
 ; 4 - ; 5 - , 6 - , 7 -

THE TECHNOLOGICAL FOUNDATIONS OF IMPROVING THE QUALITY WORKING ELEMENTS GEAR BASED ON FUNCTIONAL-ORIENTED APPROACH

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Abstract. *In work proposed the way of gears wheels manufacturing based on functional-oriented approach. Completed classification elements of gears by the functional purpose, the structure of the construction of gears on functional elements. For the executive working elements, proposed variants for the properties required by operating conditions. . The variants of the technological operations for the lines and edges of the tooth profile of the surface layers for specifying properties of these elements depending on the specific use.*

Keywords: *gearwheel, technological process, structure.*