

**ДИАЛЕКТИЧЕСКАЯ ЛОГИКА
УПРАВЛЕНИЯ ВЕГЕТАТИВНОЙ
НЕРВНОЙ СИСТЕМОЙ ЧЕЛОВЕКА**

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	2.	$X,$,	,	.
$p2 -$		$p2(X, Z_1, \dots, Z_i, \dots Z_{105}),$	(),	:
		Z_i	,		-
		Z_i)		-
		Z_i		105	.
	3.	$X,$,	,	.
		()		-
$p3 -$		$p3(X, V_1, \dots, V_i, \dots V_{100}),$	(),	:
		V_i	,		-
		V_i)		-
		V_i		100	.
	4.	$X,$,	,	$X,$
		()		-
$p4 -$		$p4(X, W_1, \dots, W_i, \dots W_{50}),$	(),	:
		W_i	,		-
		W_i)		-
		W_i		50	.
	5.	$X,$,	,	$X,$
		()		-
$p5 -$		$p5(X, U_1, \dots, U_i, \dots U_{50}),$	(),	:
		U_i	,		-
		U_i)		-
		U_i		50	.

6. $p6(X, DS \ Q) -$ (DS) -
 $Q.$ X

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$$\begin{aligned}
 & 1 - 6 \quad [1]: \\
 & (3X)(3Y_1)\dots(3Y_i)\dots(3Y_{110})(3Z_1)\dots(3Z_i)\dots(3Z_{105})(3V_1)\dots(3V_i)\dots(3V_{100})(3W_1)\dots \\
 & (3W_i)\dots(3W_{50})(3U_1)\dots(3U_i)\dots(3U_{50})(3DS \ Q)((p1(X, Y_1, \dots, Y_i, \dots, Y_{110}) \\
 & p2(X, Z_1, \dots, Z_i, \dots, Z_{105}) \quad p3(X, V_1, \dots, V_i, \dots, V_{100}) \quad p4(X, W_1, \dots, W_i, \dots, W_{50}) \\
 & p5(X, U_1, \dots, U_i, \dots, U_{50})) \Rightarrow p6(X, DS \ Q) \\
 & \Rightarrow \\
 & (5X)(5Y_1)\dots(5Y_i)\dots(5Y_{110})(5Z_1)\dots(5Z_i)\dots(5Z_{105})(5V_1)\dots(5V_i)\dots(5V_{100})(5W_1)\dots \\
 & (5W_i)\dots(5W_{50})(5U_1)\dots(5U_i)\dots(5U_{50})(5DS \ Q)((p1(X, Y_1, \dots, Y_i, \dots, Y_{110}) \\
 & p2(X, Z_1, \dots, Z_i, \dots, Z_{105}) \quad p3(X, V_1, \dots, V_i, \dots, V_{100}) \quad p4(X, W_1, \dots, W_i, \dots, W_{50}) \\
 & p5(X, U_1, \dots, U_i, \dots, U_{50})) \Rightarrow p6(X, DS \ Q). \quad (1)
 \end{aligned}$$

(1) F_1 :

- $(p1(X, Y_1, \dots, Y_i, \dots Y_{110}) \quad p2(X, Z_1, \dots, Z_i, \dots Z_{105}) \quad p3(X, V_1, \dots, V_i, \dots V_{100}) \quad p4(X, W_1, \dots, W_i, \dots W_{50}) \quad p5(X, U_1, \dots, U_i, \dots U_{50}));$
- $(3T) :$
 $(3X)(3Y_1)\dots(3Y_i)\dots(3Y_{110})(3Z_1)\dots(3Z_i)\dots(3Z_{105})(3V_1)\dots(3V_i)\dots(3V_{100})(3W_1)\dots(3W_i)\dots(3W_{50})(3U_1)\dots(3U_i)\dots(3U_{50})(3DS \ Q);$
- $(5E) :$
 $(5X)(5Y_1)\dots(5Y_i)\dots(5Y_{110})(5Z_1)\dots(5Z_i)\dots(5Z_{105})(5V_1)\dots(5V_i)\dots(5V_{100})(5W_1)\dots(5W_i)\dots(5W_{50})(5U_1)\dots(5U_i)\dots(5U_{50})(5DS \ Q).$

(1) :

$$(\forall T)(F_1 \vee p6(X, DS \ Q)) \Rightarrow (\exists E)(F_1 \vee p6(X, DS \ Q)). \quad (2)$$

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$$(F1(X) \Rightarrow F2(X)) \equiv (F1(X) \vee F2(X)),$$

$$(F1(X) \Rightarrow F2(X)) \equiv (F1(X) \wedge F2(X)).$$

$$\exists \equiv \forall .$$

$$(F_1 \vee p6(X, DS \ Q)) \wedge (F_1 \vee p6(X, DS \ Q)). \quad (3)$$

(3)

(X),

DS Q,

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V.A. Kondratenko

DIALECTICAL LOGIC OF A HUMAN AUTONOMIC NERVOUS SYSTEM CONTROL

An author's idea of a formal model of dialectical logic of the human activity control, carried out by biological tools of his autonomic nervous system, is presented.

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2. / (.) , 2003. – 462 .
3. // : 2009. – 620 .
4. : 2009, : - 574 .

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