

1. (, , « »).
- 2.
- 3.
- 4.
- 5.
6. : 0,500...; 0,618...; 0,682...; 0,725.
7. ().
8. ().
9. ().
- 10.
- 11.

T. I. Yegorova-Gudkova

PHILOSOPHY - METHODOLOGICAL ASPECTS OF PROJECTING SUSTAINABLE ECONOMIC SYSTEMS: THE LAW OF THE GOLDEN SECTION

The aim of the article is to outline the philosophical-methodological provision of the designing sustainable economic systems on the basis of the law of the Golden section: the number of Phidias and its derivatives.

Methods of research: epistemological analysis, monographic analysis, semantic analysis, methods of grouping and aggregation.

Main results: When economic, technical supersystem systems and their components projecting they should be guided by the proportions of the Golden section and its derivatives as components of law Measures (the Golden section, recurrent series of the Golden sections, the tri-metallic proportions). Failure

[9]:

$$W(a, b, c) = (a+b)(b+c)/b(a+b+c), \quad (1)$$

a, b c-

« »

$$^2/2 = 1,309...$$

3% [10].

» [11]. «

» [11].

$$W = \frac{(AB+BC)(BC+CD)}{BC(AB+BC+CD)} \quad (2)$$

A,B,C,D

[11].

«

[12].

« ».

«

(),

» [10].

«

». «

» (

« »)

$$x^2 - \varphi x - 1 = 0, \quad (3)$$

φ — « ... »
 , « ... »
 , « ... »
 [13].

$$\frac{\varphi x + (4 + \varphi^2 x^2)^{\frac{1}{2}}}{2}, \quad (4)$$

1995 (1.01.) « ... »
 $-m -$ $+m - -m = m, \quad m = 0, 1, 2, 3, \dots$ $m+1 -$
 $A_{m,n}, \quad m,n \quad C_{m,n},$
 $m -$ [14].
 : « [15],

[16] [17]. [18-20].

. » [21].
 « ... »
 « ... »
 $m-$
 , « ... » $m-$
 « ... » , « ... »
 « ... » $m-$
 « ... »
 , « ... » $m-$ » [22].
 (...) .

« ... » [23].

« ... » [24].

(...), (...) [25, . 5]. ...

... » [26, . 132].

(...)

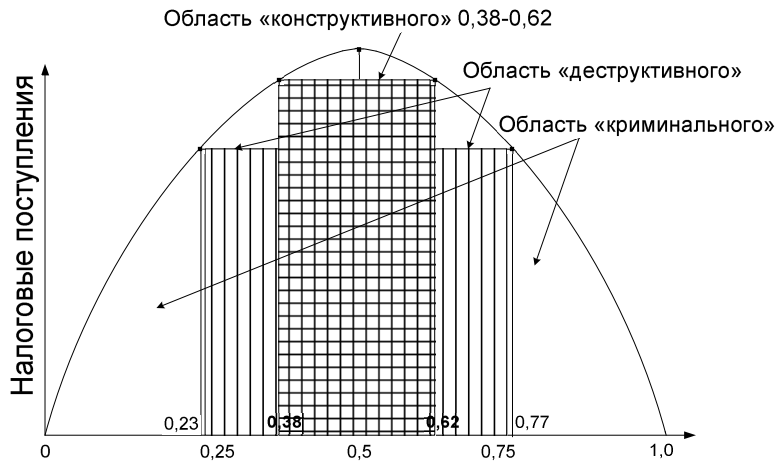
« ... » [27].

» [28].
 () ,
 [29]. [27, 28]
 ()
 1. :
 2. .
 3. -
 4. .
 5.
 6.
 7. :
 1) ;
 2) -
 « » ;
 3) .

1

	(2010 .)	, %	
	0,568	0,305	0,661
	0,460	0,282	0,331
	0,348	0,251	0,264

- 1) 0 0, 382
 ;
 2) 0, 382 0,618 -
 3) 0,618 1 -



. 1.

(),
 0 100%.
 50%,
 50% [29].

1. (-)
2.)
- 3.
- 4.
- 5.
6. : 0,500...; 0,618...; 0,682...; 0,725.
7. ()
8. ()

9. () .
10. .
11. -

[30, . 41, 31].

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Reviewer

V. M. Danich
Doctor of Economic Sciences, Professor
Volodymyr Dahl East Ukrainian National University, Luhansk, Ukraine