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V.I. Vernadsky Crimean Federal University,  
Simferopol.

1

## **DEVELOPMENT OF THE RUSSIAN FEDERATION FINANCIAL SYSTEM UNDER THE CONDITIONS OF THE ECONOMIC INTEGRATION**

The article deals with the financial system of the Russian Federation, it is determined that the dominant development of the financial system is the decentralization of systemic changes through greater self-sufficiency economic entities. The essence of finance from the perspective of financial resources formation was studied, the dynamics of the budgeting was considered. The author's method of ranking the level of functional institutions attention at the key rational criteria of financial relations in the financial system was suggested. The proposed innovations allow determining that with a change in the pattern of social changes there happens a change of nature and forms of their manifestations, taking into account the economic market methods of management, economic and political situation, integration processes and globalization.

*Keywords:* finance, financial system, the essence of finances, integration processes, functions, sources of financing, government regulation.

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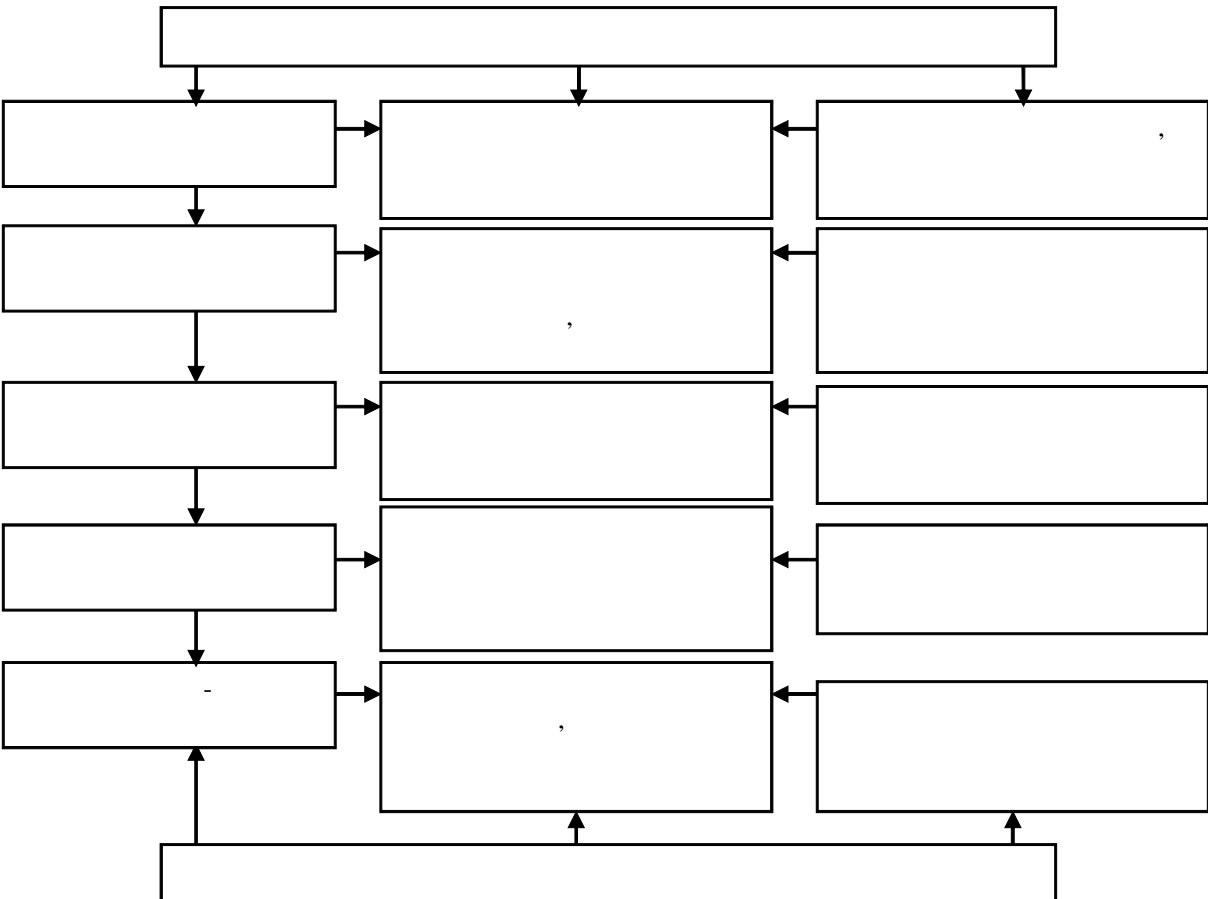
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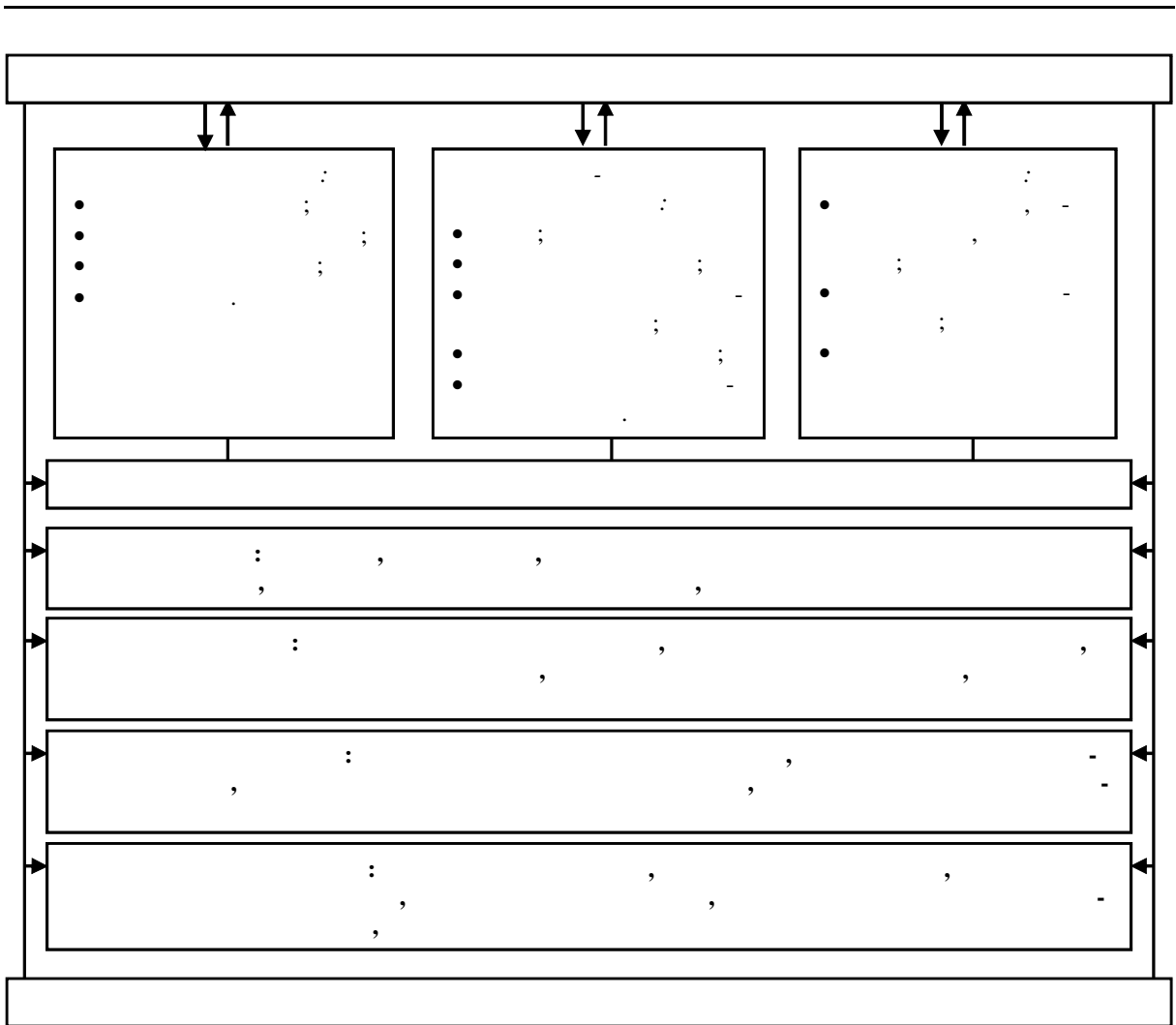
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2013-2014 .( . )( .1).

2014 , 100% , :  
 23439.4, 2013 .) 1899,9 (8.8% 2014 .);  
 • — 2143.8 (9.1% , — 2295.2 (9.8%) 2140.4 (9.9%);  
 • , — 4174.0 (17.8%) 3877.6  
 (18.0%);  
 • — 1920.0 (8.2%) 1651.0 (7.7%), ;  
 • , — 1543.6 (6.6%)  
 1509.7 (7.0%);  
 • 902.0 (3.8% 2013 .) 863.2 (4.0% 2014 .);

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2014 , . \*

	2014 .	2013 .	%	
			2014 .	2013 .
2014 .	23439,4	—	—	—
	2143,8	1899,9	-9,1	-8,8
	2295,2	2140	-9,8	-9,9
	4174,0	3877,6	-17,8	-18
	1920,0	1651,0	-8,2	-7,7
	902,0	836,2	+3,8	+4
	63,5	55,3	+3	+3
	304,9	284	+1,3	-3,9
	992,9	869	+3,9	-4
	2700,3	2372,9	-11,5	-11,0
	4820,4	4506,2	-20,6	-20,9
	714,2	625,7	-3	-2,9
	361,2	355	-1,6	-1,6
	21891	20539	100	100

\* www.gks.ru

• , — 63.5 (0.3% 2013 .) 55.3  
 (0.3% 2014 .);  
 • , — 304.9 (1.3%) 284.0 (1.3%);  
 • — 992.9 (3.9%) 869.8 (4.0%),  
 • ;  
 • — 2700.3 (11.5%)  
 2372.9 (11.0%);  
 • — 4820.4 (20.6% 2013 .)  
 4506.2 (20.9% 2014 .);  
 • , 714.2 (3.0% 2013 .) 625.7 (2.9% 2014 .).  
 • ,  
 • , — 361.2 (1.6%) 355.0 (1.6%).  
 2014 21891.2 . ., 2013 . — 20539.9.

29.5 . . ;  
 2441.0 . . ; 503.8

- 2014 , -  
 , 11376 . . ,  
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 , - 2014  
 — 22.5%,  
 — 20.1%, — 18.8%,  
 ( , ) — 17.8%.

• - 2014  
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 2957.9 . . ,  
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  4. ... (25-27 2016 ., - 11). — , 2016. — 21-23.
  5. ... , 2004. — 432 .
  6. ... , 2008. — 159 .
  7. ... , 2012. — 175 .
  8. ... « ... », 2008. — 400 .
  9. ... / ... , 2014. — 154 .

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**FACTORS AND TERMS OF PROVIDING THE FINANCIAL AND  
ECONOMIC SECURITY OF THE REPUBLIC OF CRIMEA**

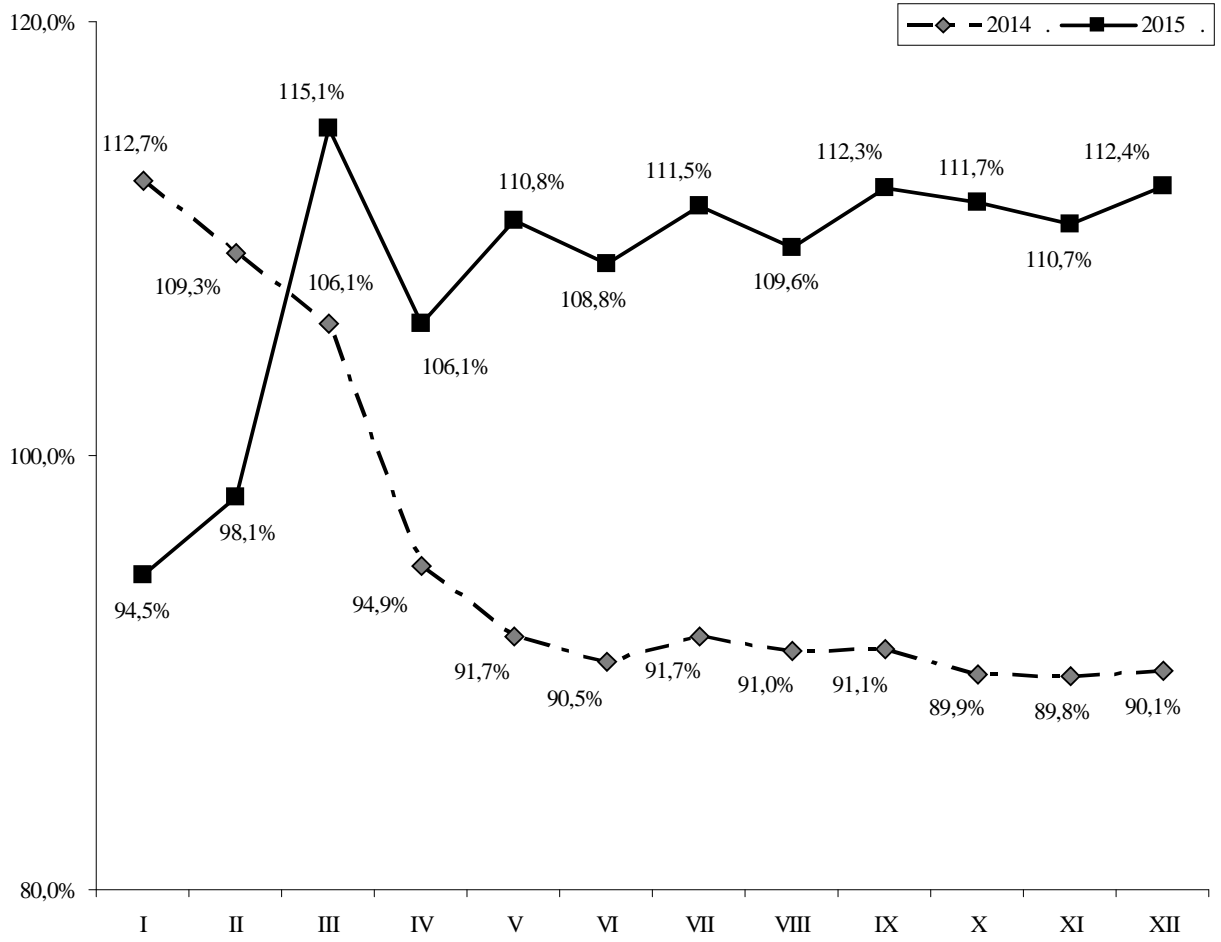
The article considers the theoretical, methodical and practical aspects of ensuring financial and economic security of the Republic of Crimea. The major factors and conditions which promote the increase of financial and economic security of the region are revealed. The development trends in the region's economy and finance which influence the parameters of financial and economic security are defined.

*Keywords:* financial and economic security, factors and terms of region's financial and economic security, development trends of the region's economy and finance.

[3], [4], [5], [1], [2], [6], [7]



2-3 2013 2014  
 2014 2014 2015  
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 2) ;  
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 2015 2014 14,9% ; )  
 14,9% ; ) 2,9%, 12,4%.  
 2014 2015 .1. 14,9% [8].  
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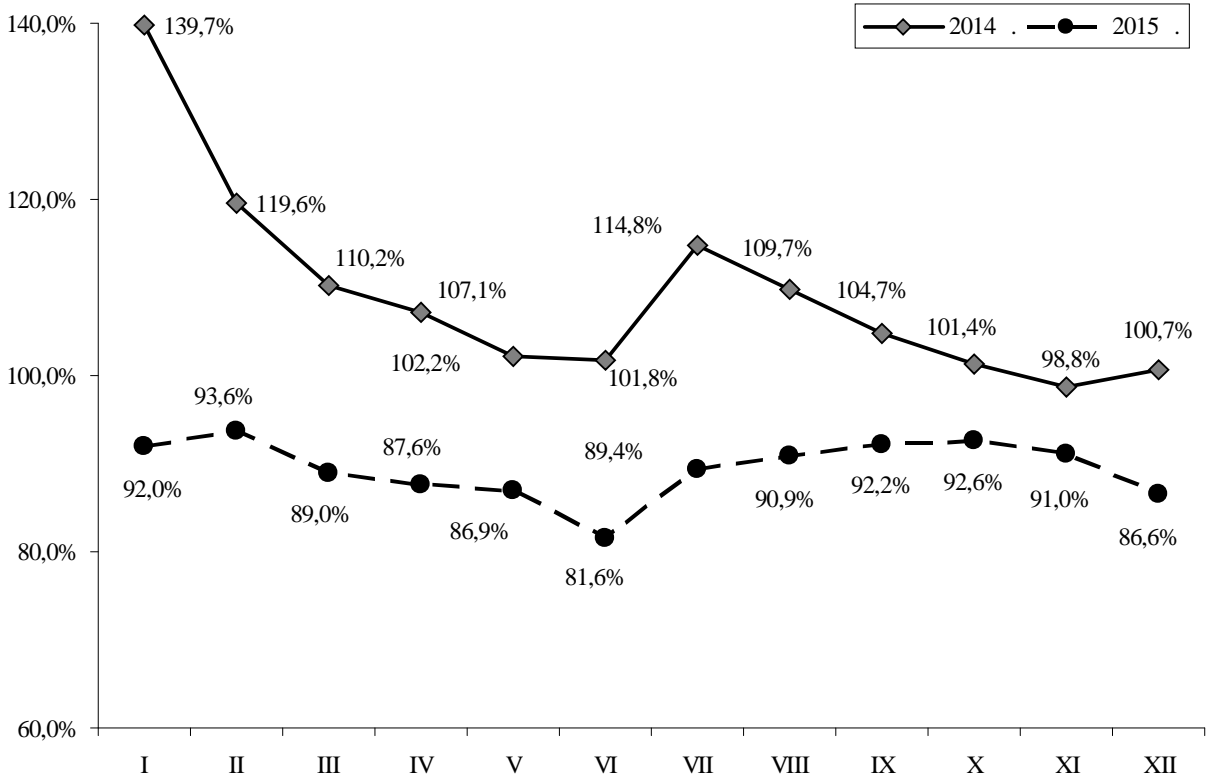


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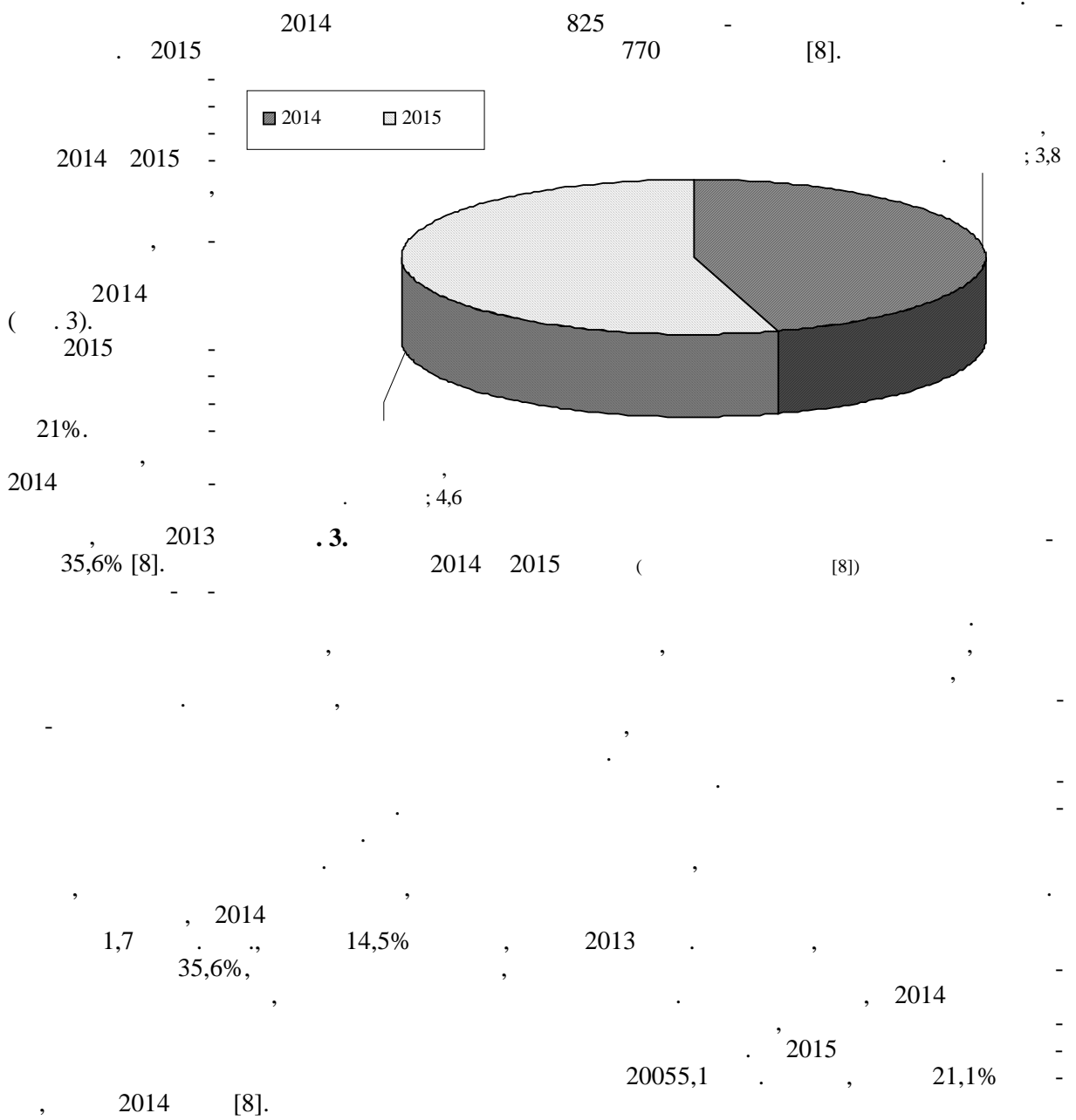
.2.  
2014 2015 ( [8])

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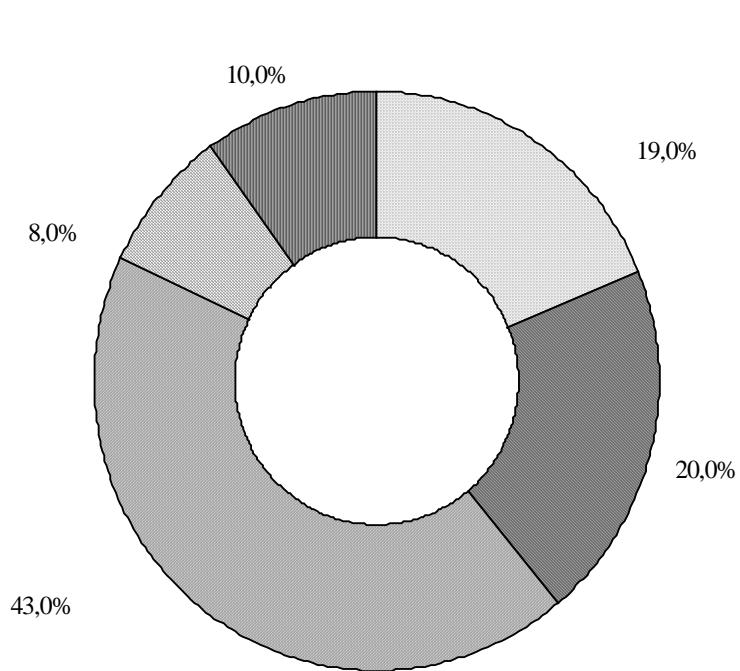
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5786,21 . » [8].

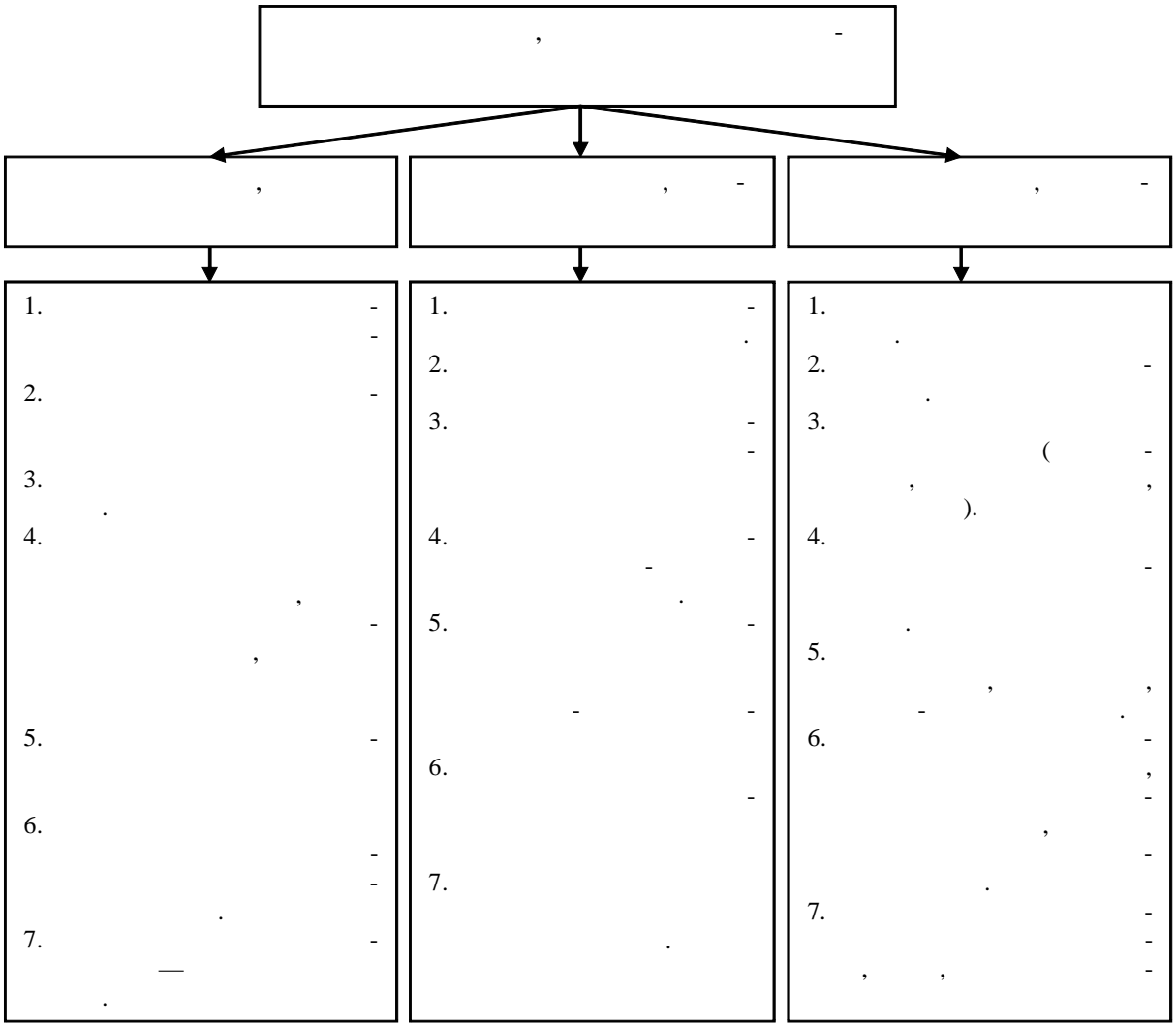
25626,55 . ,

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72,4% [8].

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2. / . . . // 50- (23 2010 .). — : , 2010. — .21-22.
3. / . . . // 2011. — 197. — .1. — .37-42.
4. // : , , — 2011. — 3 (12). — .37-40.
5. : , , — 2012. — 2. — .6-10.
6. / . . . , . . . — : , 2003. — 280 .
7. // . — 2011. — 1. — .76-84.
8. ]. — : [http://macro\\_2015\\_new.pdf](http://macro_2015_new.pdf) ( 21.01.2016)

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### **RAISING OF THE PUBLIC FINANCES ROLE IN THE FINANCIAL SYSTEM OF THE RUSSIAN FEDERATION**

The necessity of raising of a public finances role in the development of innovative economy is proved. It is shown that for Russia it is impossible to provide transition to innovative model of development without government finances. For raising a role of public finances there are necessary budgetary resources which are important to invest rationally into innovative development programs of the industries focused on export and import substitution. The attention is paid on the fact that the raising of a public finances role is possible only at effective control of formation, distribution, and especially application of the budgetary resources.

*Keywords:* government finances, financial resources, budgetary resources, state control.

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2000-

(3-5 )

2014 ( . 1).  
 53,3%, 2014 54,2%.  
 51,8%, 2011 54,5%, 2012 54,9%, 2013  
 27,6%, 2013 27,2%, 2014 27,1%),  
 ( 2010 17,0%, 2011 18,0%, 2012  
 19,0%, 2013 19,6%, 2014 19,9%),  
 ( 2010 38,9%, 2011 41,0%, 2012 38,6%, 2013 38,5%, 2014  
 37,7%).  
 2010-2014 : ) ( 2010 12,6%, 2011  
 13,9%, 2012 14,1%, 2013 15,8%, 2014 16,7%); )  
 ( 2010 10,7%, 2011 11,5%, 2012  
 14,3%, 2013 15,5%, 2014 14,1%); ) ( 2010  
 2010 12,1%, 2011 16,4%, 2012 15,3%, 2013 13,9%, 2014 20,7%); )  
 ( 2010 12,5%, 2011 40,0%, 2012  
 41,0%, 2013 39,3%, 2014 32,8%).  
 23

1.

2010-2014 .,

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	2010	2011	2012	2013	2014
—	8305,4	11367,7	12855,6	13019,9	14496,9
1.	255,0	342,6	375,6	352,2	411,3
2.	2498,2	3250,4	3545,8	3539,0	3931,6
3.	144,0	278,4	395,3	524,4	592,4
4.	1408,3	2046,9	2442,8	2554,8	2884,6
5.	- 3227,7	4664,7	4962,7	5011,0	5463,4
6.	- 427,8	382,0	543,3	348,0	445,6
7.	- 53,3	83,0	101,3	245,1	228,7
8.	0,3	29,0	64,6	51,1	111,0
9.	0,2	0,6	—	—	266,2
—	10117,5	10925,6	12895,0	13342,9	14831,6
1.	692,9	777,8	809,9	850,7	935,7
2.	1276,5	1516,0	1812,4	2103,6	2479,1
3.	- 1085,4	1259,8	1843,0	2061,6	2086,2
4.	1222,7	1790,2	1968,5	1849,3	3062,9
)	- 18,0	41,0	107,8	19,5	24,8
)	35,3	141,4	148,8	219,7	180,0
)	303,1	291,0	229,7	258,4	301,0
)	281,1	349,5	442,4	504,5	527,0
)	39,3	42,6	41,3	41,9	35,1
)	119,9	178,7	229,1	265,3	268,8
)	- 347,4	559,5	526,6	399,4	1583,5
5.	- 234,9	279,8	228,8	177,5	119,6
6.	- 1260,7	4370,6	5290,5	5247,5	4870,0
7.	- 195,0	262,7	320,0	360,3	415,6
8.	- 413,5	651,3	599,4	668,1	816,1

\* [14]

2010-2014





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5. . . . / . . . . — : , 2001. — 288 .
  6. // . . . . — 2015. — 9(633). — . 37-45. /
  7. ( ) : / . . . . — : , 2013. — 158 .
  8. : / . . . . — 4- . — : , 2016. — 391 .
  9. : / . . . . — : , 2014. — 400 .
  10. / . . . . , . . . - — : - , 2008. — 303 .
  11. — : , 2008. — 496 .
  12. — : - , 2008. — 350 .
  13. : / . . . . — : , 2012. — 520 .
  14. [ - ] — : [www.gks.ru](http://www.gks.ru) ( 15.01.2016-24.01.2016).
  15. : / . . . . — : , 2011. — 464 .
  16. - : / . . . . — : , 2013. — 166 .

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### THE ESSENCE OF CURRENT ASSETS AND ENHANCEMENT OF THEIR PRODUCTIVITY EFFICIENCY IN THE ENTERPRISE

The article considers the essence of «current assets», their structure and role in the financial and economic activity of the enterprise. The characteristic of the concepts of «circulate assets» and «circulate capital» is given. The article presents the process of current assets circulation in the economic activity of the enterprise and their classification is introduced. The stages of the current assets control are considered and the set of activities for enhancing the productivity efficiency of the enterprise current assets is shown.

*Keywords:* current assets, circulate assets, circulate capital, stock, circulation fund, current assets classification, the productivity efficiency of the current assets.

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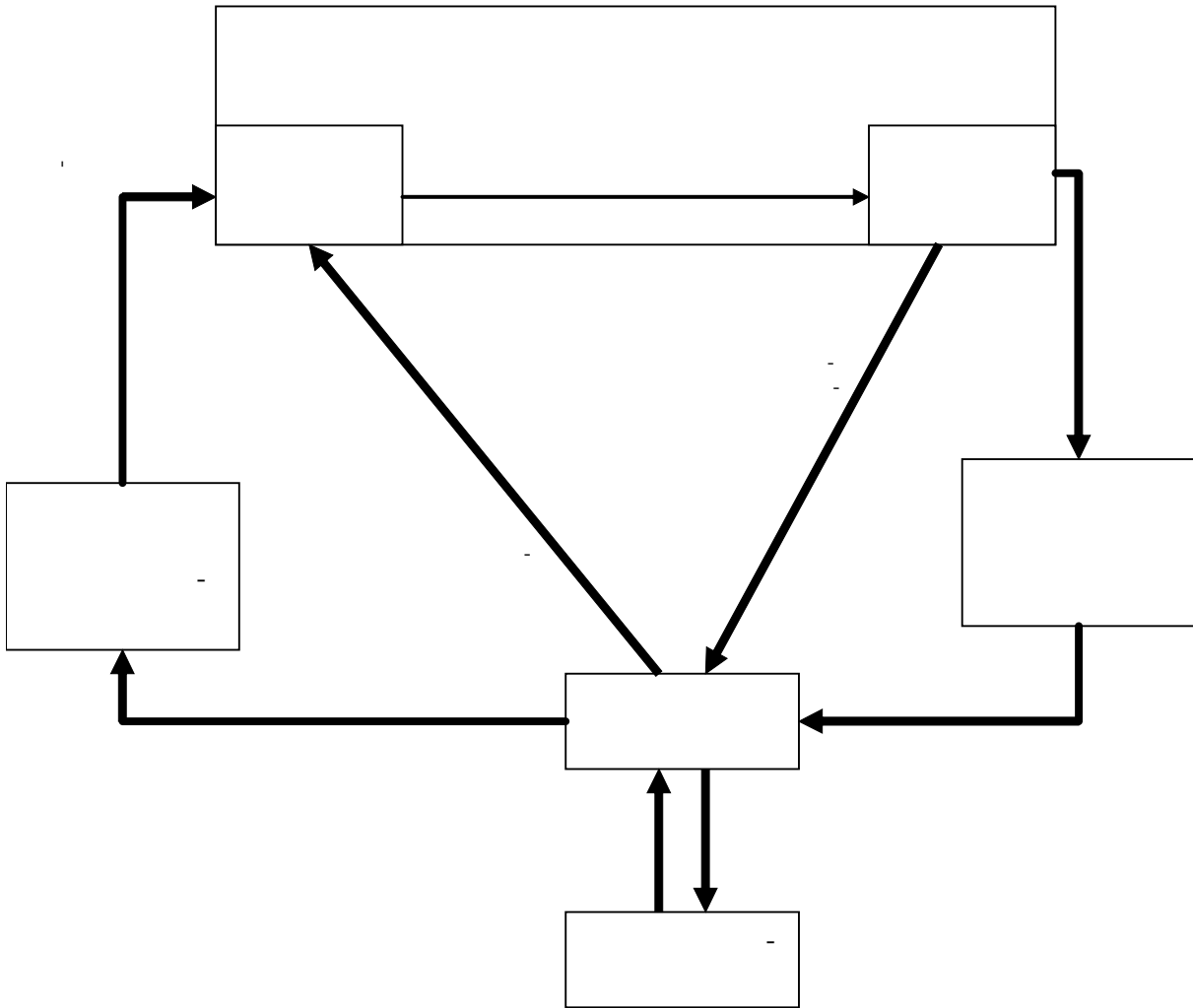
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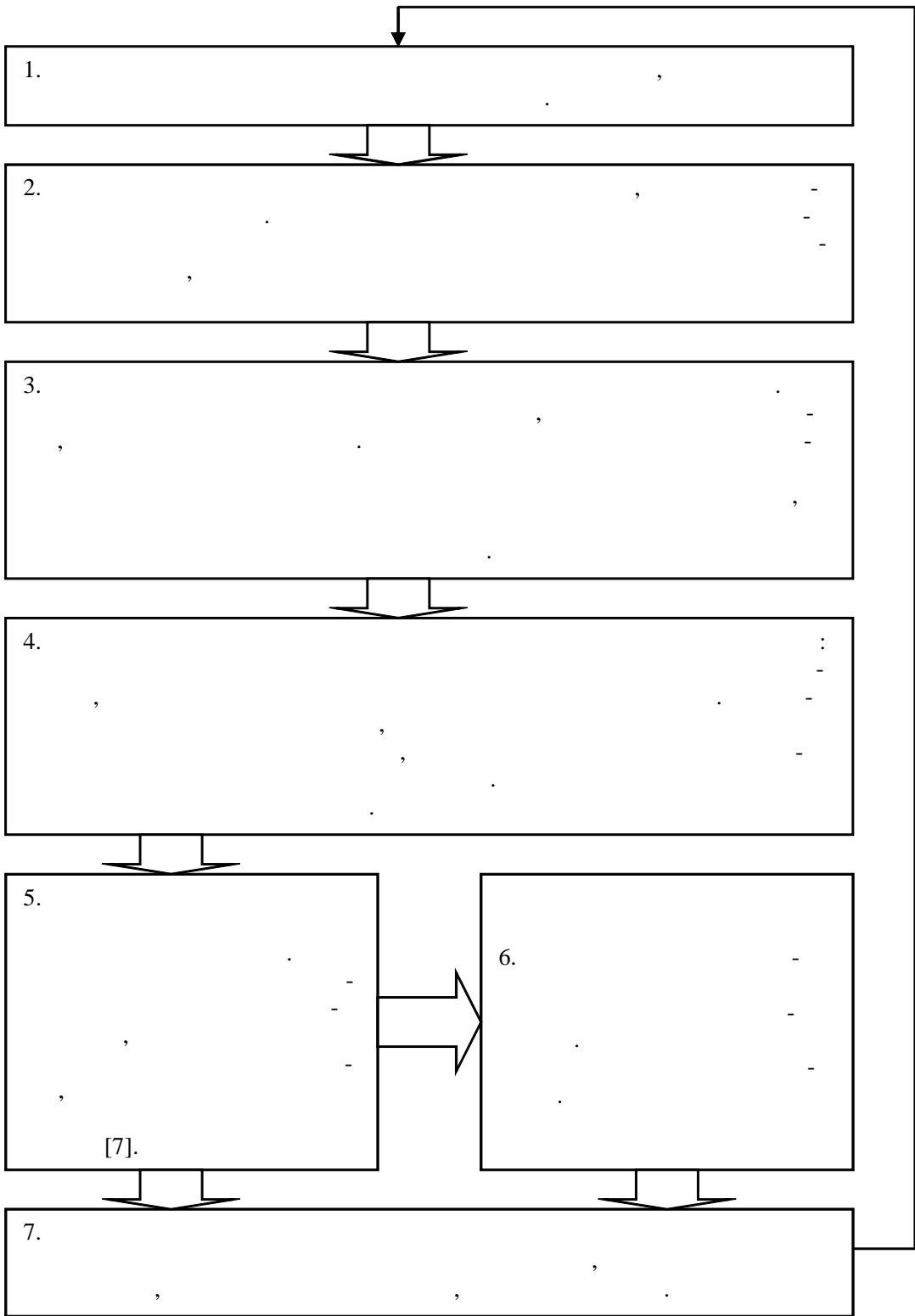
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  3. / ... , ... — : , 2004.  
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  4. : / ... . — : , 2007. —  
 784 .
  5. / ... . — : ,  
 2004. — 448 .
  6. / ... , ... // . .  
 — 3- ,, . — : , 2005. — 336 .
  7. /  
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 : - (16-18 2008 ). — :  
 , 2008. — . 77-78.
  8. / ... , ... -  
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  9. / ... . — : , 2005. — 432 .

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### **SANATION AUDIT AND ENTERPRISES BANKRUPTCY**

The article is devoted to the problems of the sanation audit application at evaluating a sanation capacity and the effectiveness of the enterprise's sanation plan amid the financial crisis. Methods, stages and key questions included in the sanation audit program are defined in the article. The assessment of the main indicators of financial state and the efficiency of the developed sanation plan by the example of the enterprise is given.

*Keywords:* bankruptcy, sanation, sanation audit, methods of sanation audit, financial sanation.

2009-2014 . 20% , 25% (2013-2014 .) 20%, 28% [4]. — 30-35%,

127- « ( )» [1]. 26 2002 .

25 2003 . 367 [2].

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•	8,0	10,0	9,8	27,8
•	18,0	19,3	17,0	54,3
•	—	440,0	260,9	700,9
	9,6	6,4	9,0	25,0
	35,6	475,7	296,7	808,0
• (I )	8,0	16,0	2,0	26,0
• II	25,0	97,8	—	122,8
• III	—	289,2	—	289,2
• IV	—	41,6	—	41,6
• VI	—	—	22,6	22,6
	33,0	444,6	24,6	502,2
( )	2,6	33,7	305,8	—
	1,08	1,07	12,1	1,61

\*

17,2%.

60% 305,8



3.

\*

			. (+;-)
	27,8	27,8	0
	—	54,3	+54,3
	600,0	700,9	+ 100,9
	—	25,0	+ 25,0
	627,8	808,0	+180,2
I	130,0	26,0	+ 104,0
	70,0	26,0	
	40,0	—	
	20,0	—	
II	122,8	122,8	0
III	289,2	289,2	0
IV	41,6	41,6	0
VI	22,6	22,6	0
	164,6	—	+ 164,6
	770,8	502,2	+ 268,6
	-143,0	305,8	

\*

1. ( ): 26 2002 . 127- ( ) [ ] // . — 2002. — 43. — . 4190 ( : www.consultant.ru ( 12.01.2016).
2. ».— 25 2003 . 367 [ ] // « - : www.consultant.ru ( 12.01.2016).
3. . . SWOT- / . . // . — 2012. — 2 (39). — . 148-150.
4. : bankrot.fedresurs.ru ( 12.01.2016). [ ]. — -

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Simferopol.

## THE ANALYSIS OF BANKRUPTCY DIAGNOSIS MODELS UNDER CURRENT CONDITIONS

The article examines the main bankruptcy diagnosis models of foreign and Russian scientists. Their comparative characteristics are fulfilled; the main problems of their implementation are highlighted. The corporation with started bankruptcy procedure is considered. The practical realization of considered models is carried out on the basis of the enterprise's financial statements. The possibility of these models application in Russian conditions is analyzed.

*Keywords:* bankruptcy, insolvency, bankruptcy diagnosis.

26 — 2002 . 127- « ( )» , ( ) , » [5].

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-	$Z = 0,717 \times X_1 + 0,847 \times X_2 + 3,107 \times X_3 + 0,420 \times X_4 + 0,998 \times X_5,$ $X_1 \text{ — } /$ $X_2 \text{ — } ;$ $X_3 \text{ — } /$ $X_4 \text{ — } /$ $X_5 \text{ — } /$	$Z < 1,81 \text{ —}$ $80 \text{ } 100\%;$ $Z = 1,81-2,77 \text{ —}$ $35 \text{ } 50\%;$ $Z = 2,77-2,99 \text{ —}$ $15 \text{ } 20\%;$ $Z > 2,99 \text{ —}$	- - - - - -
-	$Z = 0,53 \times X_1 + 0,13 \times X_2 + 0,18 \times X_3 + 0,16 \times X_4,$ $X_1 \text{ — } /$ $X_2 \text{ — } /$ $X_3 \text{ — } /$ $X_4 \text{ — } /$	$Z > 0,3 \text{ —}$ $Z < 0,2 \text{ —}$	- - - -
-	$Z = 0,063 \times X_1 + 0,092 \times X_2 + 0,057 \times X_3 + 0,001 \times X_4,$ $X_1 \text{ — } /$ $X_2 \text{ — } /$ $X_3 \text{ — } /$ $X_4 \text{ — } /$	$Z < 0,037 \text{ —}$ $Z > 0,037 \text{ —}$	- - -
-	$Z = 2 \times X_1 + 0,1 \times X_2 + 0,08 \times X_3 + 0,45 \times X_4 + X_5$ $X_1 \text{ — } ( \text{ — } ) /$ $X_2 \text{ — } /$ $X_3 \text{ — } /$ $X_4 \text{ — } /$ $X_5 \text{ — } /$	$Z < 1,$ $Z > 1$	- - - -
-	$Z = 0,25 \times X_1 + 0,1 \times X_2 + 0,2 \times X_3 + 0,25 \times X_4 + 0,1 \times X_5 + 0,1 \times X_6,$ $X_1 \text{ — } ( \text{ — } )$ $X_2 \text{ — } /$ $X_3 \text{ — } /$ $X_4 \text{ — } /$ $X_5 \text{ — } /$ $X_6 \text{ — } /$ $Z = 1,57 + 0,1 \times X_6$	$Z > Z$	- - - - - -

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	2011	2012	2013	2014
	0,014	-0,001	-0,074	-0,618
	0,151	0,113	0,170	1,449
	0,014	-0,001	-0,074	-0,618
-	0,284	0,316	-5,447	-40,985
1	96,790	44,248	87,395	547,287

1 : 2011 . — 1,691, 2012 . — 1,746, 2013 . — 2,127, 2014 . — 1,665.

\* [1]

1. « » [ ] / «Disclosure.ru». — : www.disclosure.ru/issuer/5403100649/ ( 14.01.2016).
2. [ ] / . . . // Science-bsea.narod.ru. : science-bsea.narod.ru/2007/ekonom\_2007\_2/kaziev\_prim.htm ( 12.01.2016).
3. / . . . // . — 2010 . — 2(12). — . 52-57.
4. . . . // « ».— 2014. — 27 (66). — 1. — C. 118-128.
5. ( ): 26.10.2002 127- [ ] // « ».— : www.consultant.ru/popular/bankrupt/58\_1.html#p85 ( 12.01.2016).
6. / . . . — : , 2003. — 349 .
7. // . — 2013. — 4. — . 178-180.
8. [ ] // . — 2008. — 4. — : www.cfin.ru/finanalysis/risk/bankruptcy.shtml ( 12.01.2016).

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**THE FUNDING NEEDS AND OPPORTUNITIES TO OPTIMIZE THE REGIONAL  
BUDGET COSTS OF THE CONSTITUENT ENTITIES OF THE RUSSIAN  
FEDERATION ON THE EXAMPLE OF THE KOSTROMA AREA**

The article analyzes the financing needs and the opportunities to optimize the regional budget costs of the Russian Federation on the example of the Kostroma area. It is proved that the region has not sufficiently elaborated the optimization activities related to the costs of government maintenance in the region, as in most regions of the Central Federal District. Upon that the funding needs of the region for the implementation of certain measures is increasing every year, which requires a search for funding sources.

*Keywords:* costs optimization, funding needs, costs, regional budget.

2015 .

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1) ( 2014 — 97,6%; 2015 — 60,01%; 2016 — 29,76%; 2017 — 31,02%);

2) ( 2014 — 64,52%; 2015 — 50,29%; 2016 — 0%; 2017 — 0%);

3) ( 2014 — 67,86%; 2015 — 100%; 2016 — 68,5%; 2017 — 99,8%);

4) ( 2014-2017 . — 0%).

**1.**

	2014	2015	2016	2017
1. , . . . :	504 963,17	78 403,90	1 822 400,00	3 206 500,00
•	14 700,00	44 349,90	457 600,00	994 500,00
•	477 756,07	2 703,50	84 800,00	0
2. , . . . :	566 207,50	200 891,00	294 418,30	150 564,50
•	—	—	—	—
•	365 316,50	101 036,50	101 036,50	—
3. , . . . :	1 133 011,50	822 498,00	333 256,60	143 310,50
•	—	—	—	—
•	768851,9	25 911,90	—	—
, . . . :	—	267 900,00	420 900,00	—
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	2006	2007	2008	2009	2010	2011	2012	2013	2014
	110,9	114,4	117,7	118,0	115,4	112,1	109,7	107,8	<b>153,6</b>
	70,2	68,7	76,5	80,5	82,1	92,9	99,7	103,2	<b>106,1</b>
	122,2	123,7	127,4	126,5	127,0	125,1	123,6	122,1	<b>152,5</b>
	125,1	129,3	131,5	128,3	128,1	127,5	126,6	124,0	<b>172,7</b>
	103,5	107,6	114,0	108,3	102,3	95,3	88,1	86,5	<b>131,4</b>
	93,0	97,4	99,8	99,6	95,0	93,9	90,6	88,0	<b>124,3</b>
	113,6	117,9	124,8	127,5	123,1	113,7	112,2	111,3	<b>158,8</b>
	124,9	128,9	140,0	138,7	135,4	133,6	131,3	130,1	<b>174,3</b>
	<b>173,0</b>	<b>180,7</b>	<b>179,1</b>	<b>177,4</b>	<b>168,1</b>	<b>158,0</b>	<b>153,8</b>	<b>153,6</b>	<b>224,2</b>
	136,0	142,8	144,0	142,9	140,9	134,0	129,5	125,8	<b>176,0</b>
	115,1	120,2	121,0	118,2	116,8	114,4	114,7	109,5	<b>156,8</b>
	137,0	145,0	146,8	144,4	146,7	144,2	141,1	142,5	<b>196,5</b>
	123,4	126,2	131,2	134,5	133,7	131,1	128,9	129,6	<b>170,1</b>
	141,3	153,5	164,3	165,0	162,9	153,1	151,7	151,9	<b>191,6</b>
	132,5	137,3	139,0	132,0	123,6	119,1	116,4	115,4	<b>167,5</b>
	128,1	134,4	145,1	148,8	150,4	145,5	134,9	129,6	<b>170,7</b>
	108,7	112,7	114,9	115,6	107,8	102,6	95,0	90,0	<b>136,8</b>
	118,2	122,9	117,8	115,7	117,3	115,1	114,1	114,8	<b>167,7</b>

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  - 2. :  
7 2012 . 597 [ ]/ « ».—  
: www.consultant.ru/document/cons\_doc\_LAW\_129344/ ( 24.12.2015). -
  - 3. :  
7 2012 . 598 [ ]/ « ».—  
: www.consultant.ru/document/cons\_doc\_LAW\_129345/ ( 24.12.2015). -
  - 4. :  
7 2012 . 599 [ ]/ « ».—  
: www.consultant.ru/document/cons\_doc\_LAW\_129346/ ( 24.12.2015). -
  - 5. :  
7 2012 . 600 [ ]/ « ».—  
www.consultant.ru/document/cons\_doc\_LAW\_129335/ ( 24.12.2015). -
  - 6. :  
7 2012 . 601 [ ]/ « ».—  
: www.consultant.ru/document/cons\_doc\_LAW\_129336/ ( 24.12.2015). -
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7 2012 . 606 [ ]/ « ».—  
: www.consultant.ru/document/cons\_doc\_LAW\_129341/ ( 24.12.2015). -

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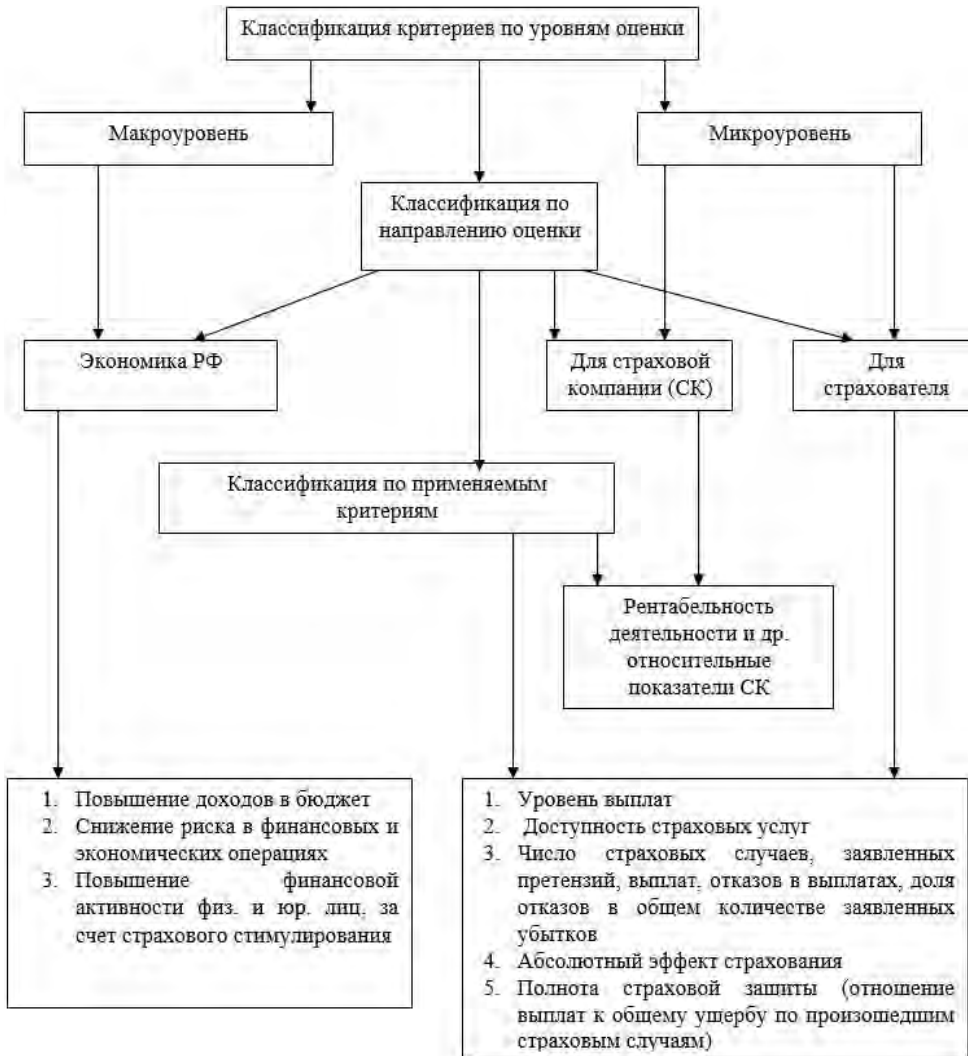
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## INTEGRATED ASSESSEMENT OF INSURANCE SERVICES EFFICIENCY

The article considers one of the approaches to the integrated assessment of the insurance services efficiency. The model of insurance services evaluation criteria is described. The main indicators of insurance services efficiency are presented. The indicators which allow assessment of this efficiency are proposed to evaluate the efficiency of insurance services for policyholders based on several criteria.

*Keywords:* insurance services, the efficiency of the insurance company activity, the insurance market.

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2. ... / ... , ... — ... 2015. — 299 .
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## DEVELOPMENT OF HULL INSURANCE IN RUSSIAN FEDERATION

A concept and basic terms of hull insurance realization are considered. The article exposes the dynamics of insurance bonuses and payments, loss rate of hull insurance in comparison with the general market volume. The problems in hull insurance development are analyzed and the solution approaches are offered.

*Keywords:* insurance market, hull insurance, insurance payment, insurance bonus, insurer.



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, ,	663,66	100,0	812,47	100,0	686,81	100,0
, ,	164,53	24,8	196,0	24,1	156,84	22,8
, ,	303,14	100,0	370,78	100,0	301,98	100,0
, ,	105,74	34,9	125,96	34,0	111,62	37,0

\* [1]

2.  
2011-2013 .\*

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, %	45,7	45,6	44,0
, %	64,3	64,3	71,2

\* [1]

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 19.pdf ( 11.01.2016).
  2. / . . . — 2- . . .
  3. , 2006. — 320 . / . . . , . . . — 2- . . .
  4. « °», 2010. — 504 .
  5. // . — 2004. — 5. — . 95-104.
  6. - , 2006 — 311 . / . . . , . . . — . . .
  7. , 2007. — 312 . / . . . , . . . . — . . .
  8. : , 2014. — 154 . / . . . , . . . , . . . , . . . , . . . , . . . ; . . . . — . . .
- . . . , . . . : « . . . », 2012. — 246 .

338.23:336.71

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## MONETARY AND MACROPRUDENTIAL POLICY FOR PREVENTING THE ACCUMULATION OF FINANCIAL IMBALANCES

This article considers the implementation of monetary and macroprudential policies for preventing the accumulation of financial imbalances. The need of using flexible targeting rules by central bank that take into account the factor of financial imbalances was postulated. Also the comparative criteria and effects from the implementation of monetary and macroprudential policies that take into account the achieved level of the inflation and the development phase of the financial sector were shown. The results of research expand the knowledge base of the cyclical nature of financial imbalances and can be used at decision-making in the implementation of monetary and macroprudential policies.

*Keywords:* monetary policy, monetary rules, macroprudential policy, financial imbalances, price stability, financial stability.

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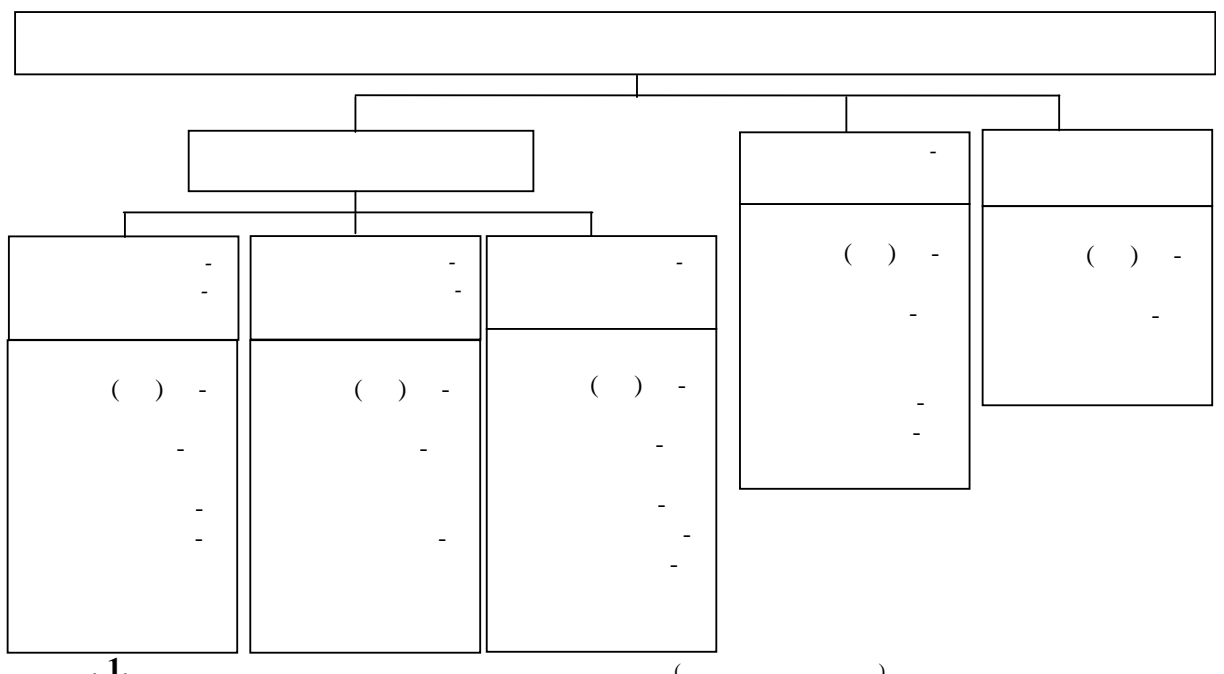


«*ex ante*»

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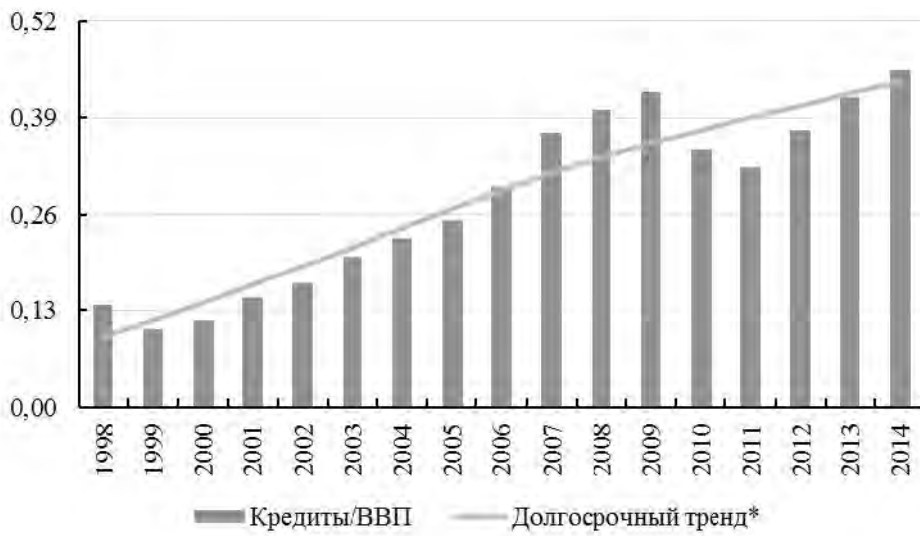
2007-2009 . « / » 2008 . ( ) 6%

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2011-2014 .

[8].



\* = 100.

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1.	2014 *
(%) <sup>1</sup>	(%)
69,1	9,0
59,3	8,5
51,1	7,1
141,8	6,6
195,6	11,7
93,1	7,2

<sup>1</sup> Domestic credit to private sector (% of GDP)

\*

(<http://data.worldbank.org>)

(K<sub>M</sub>)

2.

: K<sub>C</sub>, K<sub>L</sub>, K<sub>LD</sub>, K<sub>CU</sub>, K<sub>M</sub>

3.

5%.

(IFI — integrated indicator of financial imbalances),

: IFI = f(K<sub>C</sub>, K<sub>L</sub>, K<sub>LD</sub>, K<sub>CU</sub>, K<sub>M</sub>).

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, « »  
 , (Claudio Borio) [9],  
 (John Taylor) [10], (Otmar Issing) [11], (Jean-Claude Trichet)  
 [12], (Masaaki Shirakawa) [13], [14], [15], [16]  
 [17],  
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 («risk-taking»),  
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( \* y\*):

$$L = \frac{1}{2} \sum_{t=1}^n \left( (\pi_t - \pi^*)^2 + \lambda (y_t - y_t^*)^2 \right), \quad (1)$$

n — ; λ — ,

, λ ∈ [0;1].  
 λ = 0, « » [13]. λ > 0,  
 « » ( )  
 [17, 19-21],

( (2), (3)) :

$$\tilde{y}_t = \beta_1 \tilde{y}_{t-1} + \beta_2 \tilde{y}_{t-2} + \beta_3 (i_t - \pi_{t+1}^*) + \beta_4 \Delta \text{IIFI}_t + \varepsilon_t; \quad (2)$$

$$\pi_t = \alpha_1 \pi_{t-1} + (1 - \alpha_1) \pi_{t+1}^* + \alpha_2 \tilde{y}_t + \alpha_3 \tilde{q}_{t-1} + \alpha_4 \Delta \text{IIFI}_t + \eta_t, \quad (3)$$

$\tilde{y}_t, \tilde{y}_{t-1}$  — ( )  
 t t-1 ;  $i_t$  — ( ) ; ( $i_t - f_{t+1}^*$ )

— ( )- t;  $\pi_t, \pi_{t-1}$  —

t t-1 ;  $\pi_{t+1}^*$  —  
 t + 1, t;  $\Delta \text{IIFI}_t$  —  
 ;  $\tilde{q}_{t-1}$  —

$\beta_1, \beta_2, \alpha_1, \alpha_2$  — ( ) ;  $\varepsilon_t$  — ;  $y_t$  — t - 1;

( 3)  
 $\pi_{t-1}$  («backward-looking»),  
 « » («forward-looking»)  $\pi_{t+1}^*$ , [13],

,  
 ( $\pi_{t+1}^* = \pi_{t+1}^{\text{targ}}$ ).  
 ( $\pi_{t+1}^{\text{targ}}$ ) ( $\pi^*$ ).

(2), (3) [22].  
 ( 0,78 0,85). (2) (3)

(2), (3)

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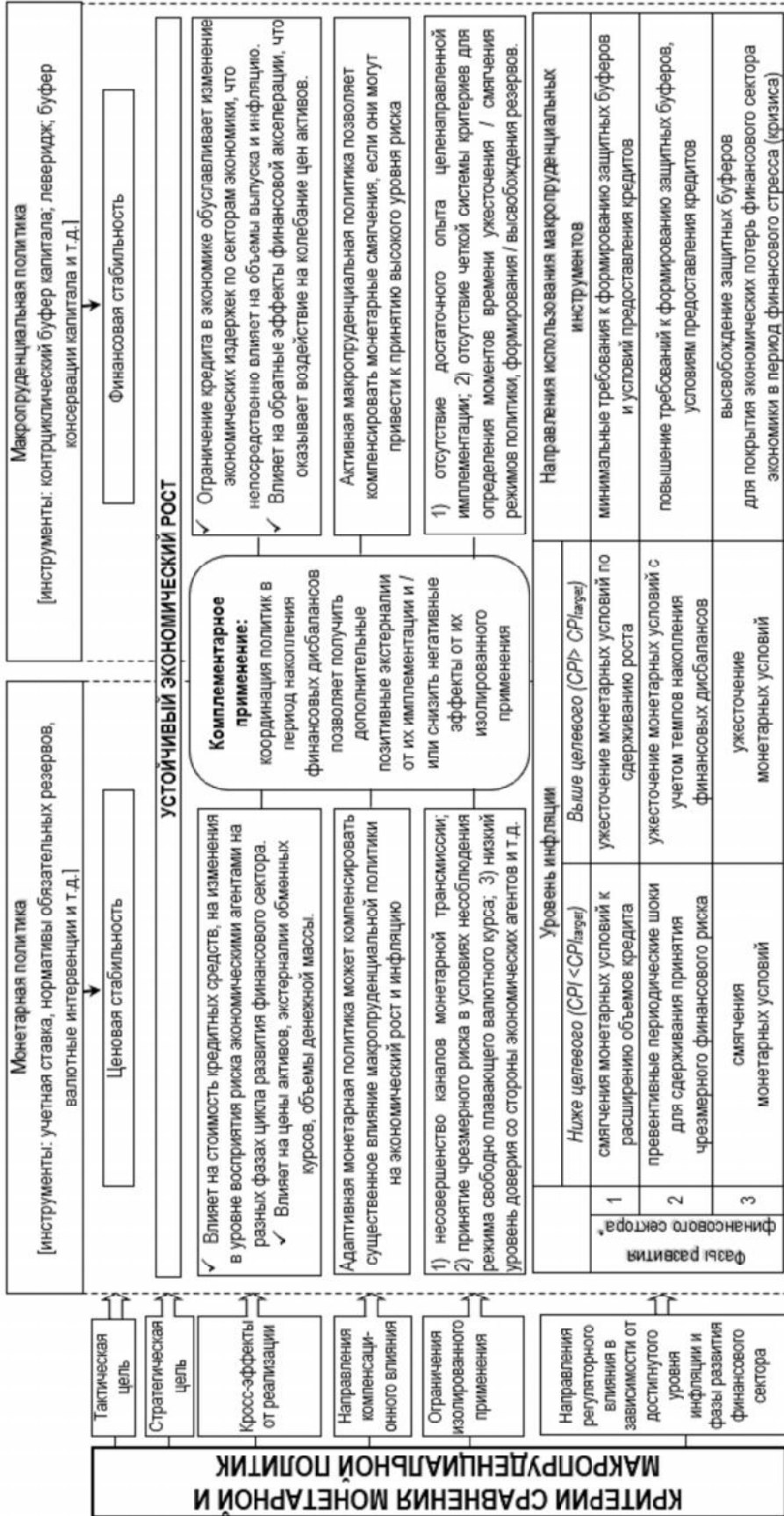
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## РЕГУЛИРОВАНИЕ ДИСБАЛАНСОВ В ФИНАНСОВОМ СЕКТОРЕ ЭКОНОМИКИ



\* 1 — начало формирования финансовых дисбалансов ( $\Delta IPI < \alpha$ ), 2 — накопление существенных финансовых дисбалансов ( $\Delta IPI > \alpha$ ), 3 — уменьшение финансовых дисбалансов ( $\Delta IPI < \alpha$ ); CPI — индекс потребительских цен;  $CPI_{target}$  — целевое (таргетируемое) значение индекса потребительских цен;  $\alpha$  — порог чувствительности для определения существующих накопленных финансовых дисбалансов.

2.

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3 2016



336.7

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« »

**ROE ASSESSMENT OF THE CREDIT COMPANY BY USING THE FIVE-FACTOR  
MODEL ON THE EXAMPLE OF JSC «GENBANK»**

The article reviews the construction mechanism of the credit company ROE factor model. The advantages and disadvantages of the DuPont factor model application, its role in bank stock analysis were identified. The ROE five-factor model of the JSC «GENBANK» was developed. The main impact factors on improving the bank ROE were identified.

*Keywords:* credit company, ROE, ROA, capital multiplier, DuPont model, decomposition analysis.

[1], . . .

[2], . . .

[3] . . .

[4], -

20-

«DuPont»

[5].

[6, . 269].

«DuPont»

ROE (

( )) ROA (

$$\text{---} = \text{---} \times \text{---},$$

(1)

$$\text{ROE} = \text{ROA} \times \text{MK},$$

(2)

(ROA)  
(PM)

$$\text{( )} \quad \text{(EA)} \quad \text{( )} \quad \text{ :}$$

$$\text{ROA} = \text{---} \times \text{---}$$

(3)

$$\text{RO} = \text{---} \times \text{---}$$

(4)

$$\text{RO} = \text{---} \times \text{---} \times \text{MK}$$

(5)

.1, 2012-2014 ROE  
 2014 7,3% 7,9%.

**1.**  
 2012-2014 \*

	( ) = /	= - /	= - /	= - /
2012 .	7,9486	0,3749	0,0611	0,1821
2013 .	8,0085	0,3005	0,0631	0,1519
2014 .	8,4280	0,1469	0,0638	0,0790

\* [7, 8]

(PM)  
 [3, .295].  
 (KE) ( )  
 (KT) ( )  
 ( ) ( )  
 = — × — (6)  
 = × . (7)  
 (7) (5), :  
 RO = × × × MK. (8)

(8) (EDD),  
 ( )  
 EDD = —, (9)

(AK): (8)  
 = — (10)

:  
 = EDD × × × MK (11)

$$= \text{---} \times \text{---} \times \text{---} \times \text{---} \times \text{---} \quad (12)$$

(AK) 1%, , -  
 (AK) ( ), (ROE). -

2012-2014 « » [9].

« » = , / = 1  
 ( . . 2).

2. « »  
 2012-2014 \*

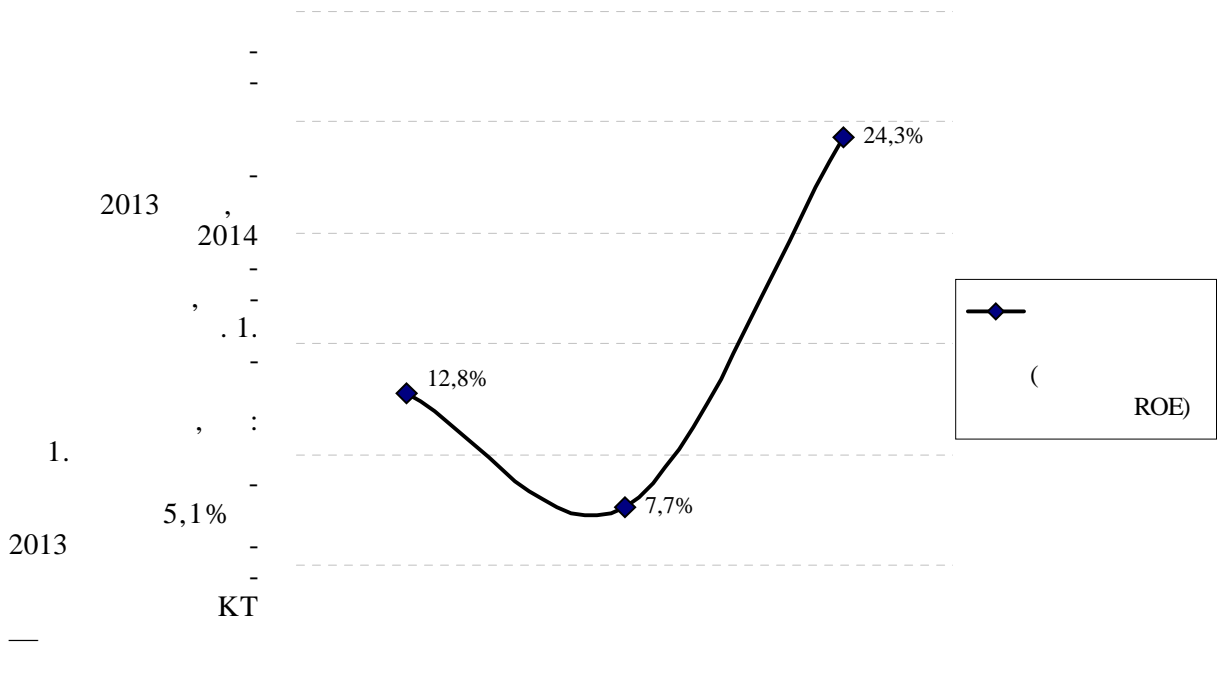
	2012	2013	2014	2013-2012	2014-2013
( )	809 009	872 892	1 152 172	$(KE_1 - KE_0) \times KT_0 \times EA_0 \times MK_0$	$(KE_1 - KE_0) \times KT_0 \times EA_0 \times MK_0$
, - ( )	103 670	66 952	280 177	—	—
( ) ( )	103 670	66 952	280 177	$KE_1 \times (KT_1 - KT_0) \times EA_0 \times MK_0$	$KE_1 \times (KT_1 - KT_0) \times EA_0 \times MK_0$
( ) ( )	151 113	117 499	354 120	$KE_1 \times KT_1 \times (EA_1 - EA_0) \times MK_0$	$KE_1 \times KT_1 \times (EA_1 - EA_0) \times MK_0$
( ) ( )	659 321	678 691	1 387 871	$KE_1 \times KT_1 \times EA_1 \times (MK_1 - MK_0)$	$KE_1 \times KT_1 \times EA_1 \times (MK_1 - MK_0)$
( )	9402951	7815915	17384755		
( )	12,8%	7,7%	24,3%	2013	2014
/ (EDD)	1	1	1	—	—
/ (KE)	0,686	0,570	0,791	-0,0217	0,0298
/ (KT)	0,229	0,173	0,255	-0,0260	0,0505
/ (EA)	0,070	0,087	0,080	0,0192	-0,0127
/ (MK)	11,623	8,954	15,089	-0,0229	0,0989
EDD × KE × KT × EA × MK	0,128	0,077	0,243	-5,1%	16,6%

\*

« »

5,1%, 2012 « » 2013 16,6%. ( . 1)

1% 24,3%.



« » 2012-2014 , %

2. — 2,6%. EA —

3. 2014 « » 16,6%, MK —

4. — 9,9%. 2014

— 1,3%.

( .3):

$$= / - (13)$$

1

$$= / (14)$$

« » , 01.01.2015

3.

\*

	01.01.2013 .	01.01.2014 .	01.01.2015 .
-	809009	872892	1152172
	297484	345560	2312766
( )	36,8%	39,6%	200,7%
	809 009	872 892	1 152 172
	8 593 942	6 943 023	16 232 583
	9,4%	12,6%	7,1%

\*

[2]

200%.

173 531 000  
2014

01

2015

«

»

3,2%,

2014

7%.

5. [ ] / : finzz.ru/model-dyupona-formula-3-modifikacii.html (14.01.2016)
6. / , , 2016. — 306 .
7. 2013 [ ] / : www.cbr.ru/publ/archive/root\_get\_blob.aspx?doc\_id=9525 (14.01.2016)
8. 2014 [ ] / : www.cbr.ru/publ/archive/root\_get\_blob.aspx?doc\_id=9878 (14.01.2016)
9. [ ] / « ».— : genbank.ru/o-banke/finansovye-pokazateli (14.01.2016)
10. / // : , , . — 2013. — 4. — . 28-34.
11. : / , , , , , . — : « », 2012. — 246 .
12. : / : , , , , . — : , 2013. — 532 .

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336.71

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### **SPECIFICS OF FINANCIAL AFFORDABILITY INDICATORS IN THE RUSSIAN FEDERATION**

The article describes the characteristics of financial services, defining financial affordability, and also the structure of indicators calculated by the Central Bank of the Russian Federation in the framework of financial affordability indicators. The problems of access to financial services for the population of the Russian Federation, the causes of the imbalances in the development of this direction in the various regions were analyzed.

*Keywords:* financial affordability, indicators, bank services, banking technologies, financial literacy.

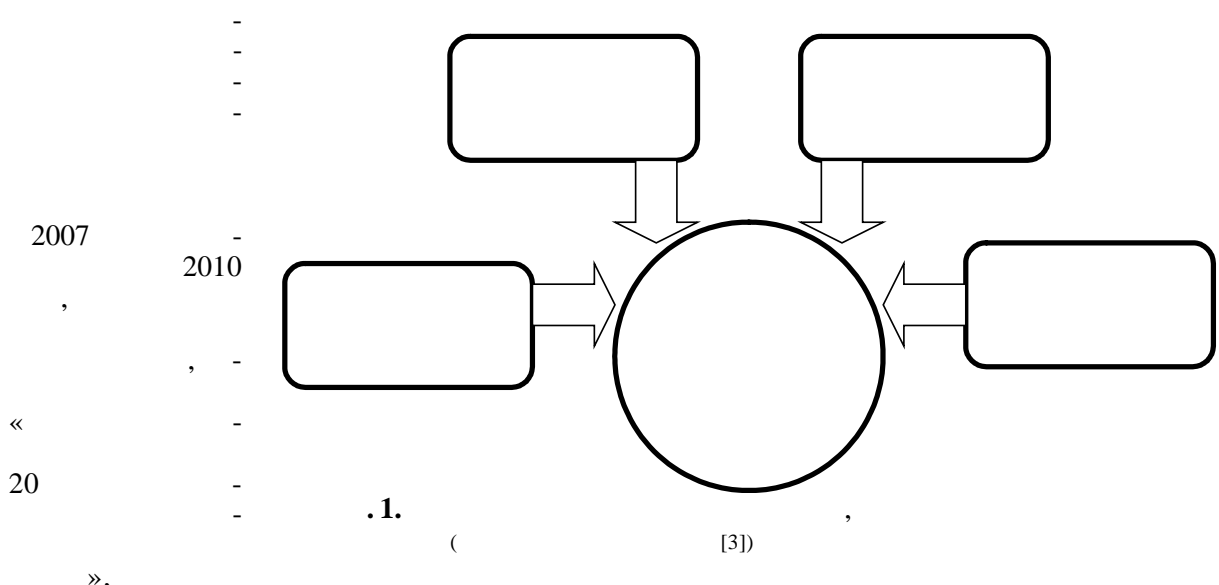


« »

»

( ) [3].

.1



»

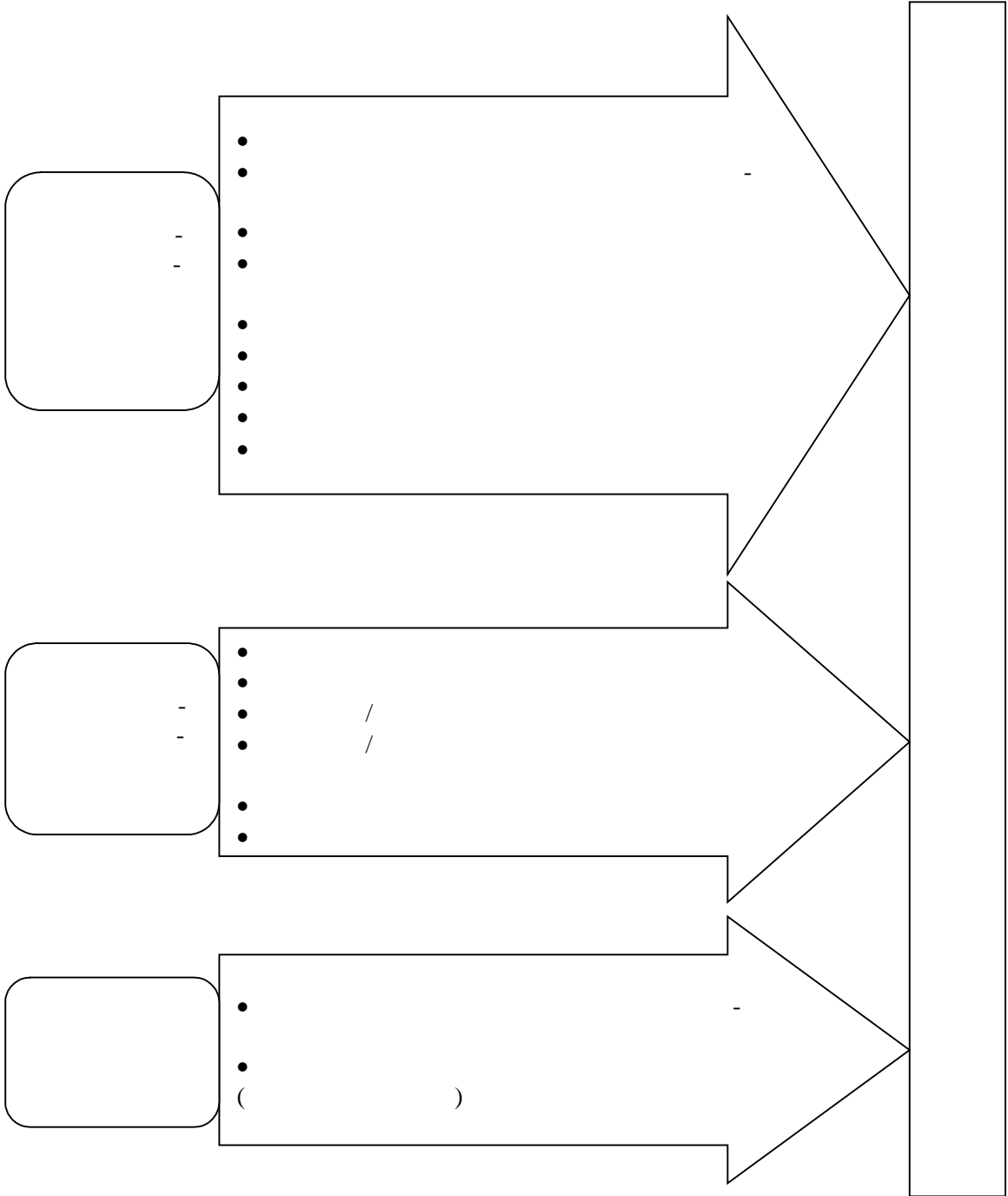
[4].

2015

[5].

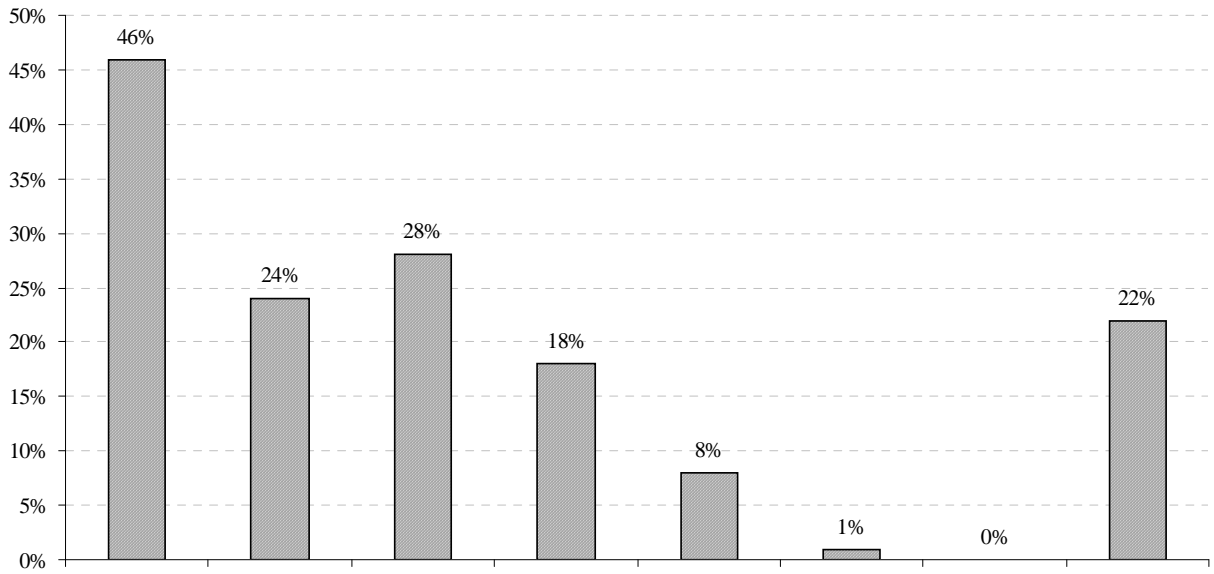
.2.

- « » 190- 18.07.2009 .;
- « »
- 151- 07.07.2010 .;
- « ( )» 353- 21.12.2013 .;
- « » 161- 27.06.2011 .



.2. ( [5]

. 3.



. 3.

2011 ( [6])

, 46%  
(89%)

(89%),

11%,

28%

- 1)
- 2)
- 3)

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4)

[7, .112].

18%

[2].

- ;
  - ;
  - ;
  - ;
1. // : , , . — 2014. — 3. — . 114-121.
  2. : [ ]/ : www.cgap.org/sites/default/files/Working-Paper-Financial-Inclusion-in-Russia-Aug-2014-Rus.pdf ( 04.02.2016).
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  4. [ ]/ supplement/769 ( 03.02.2016). : kremlin.ru/
  5. [ ]/ : www.cbr.ru/finmarkets/print.aspx?file=files/development/acc\_indicators.html ( 04.02.2016).
  6. : : [ ] / Bankable Frontier Associates. — : bankablefrontier.com/wp-content/uploads/documents/BFA-RMC-ISIP-Russia-Final-Report\_website\_rus.pdf ( 04.02.2016).
  7. / . // . — 2014. — 4 (49). — . 111-117.
  8. / . . . . . ; . . . . . — : : , 2014. — 154 .
  9. / . . . . . ; . . . . . — : « . . . . . », 2014. — 237 .
  10. : / . . . . . ; . . . . . — : « . . . . . », 2012. — 246 .

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### **PROBLEMS OF BANK CAPITAL FUNCTIONING IN THE CRIMEA**

« » « — ».

The article reveals the main problems of the bank capital functioning in the Crimea. The characteristic of categories «own funds» and «capital» are given. The functions of the authorized capital are highlighted. The article considers one of the banking activities major risks — risk of non-return loan. It is pointed out that the volume of the banks own capital may serve as a financial security at the loan defaults. The main problems which do not allow to the full extent increasing volume and bank capital operation in the Crimea are highlighted.

*Keywords:* own funds, capital, credit, interest rate, equity, share capital, resources.

— « »

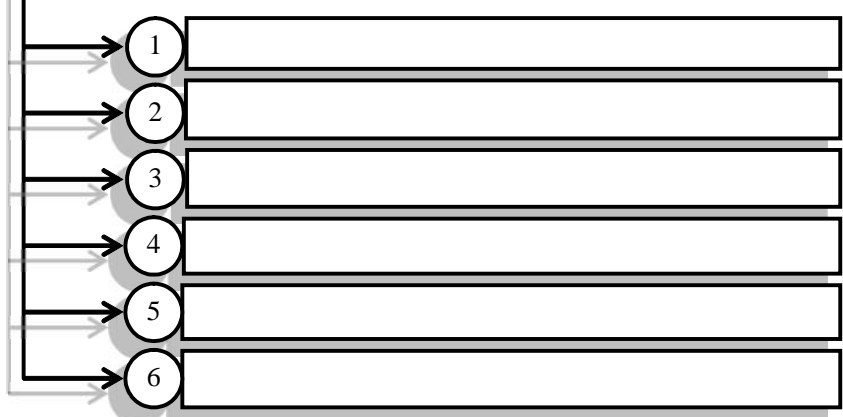
[1], [2], [3]

« »

( , , , , ) ,

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.1



.1.

( )

25 100%

),

):

- 
- ( )
- ;

1 2014 100 1 2015 300

—14-20%.

.1 10.08.2015 . 30),

( )

« »

30



1.

10.08.2015 .

« »	408	« »	103
« »	15	« - »	
« »	124	« »	
« »	3	»	11
« »	3	« »	2
« »	5	« »	> 1
« »	7	« »	51
« - »	6		
« »	16	« »	16
« »	2	« »	
« »	2	« »	17
« »	2	« »	2
« »	2	« »	1
	1	« »	1
« »	2	« »	1

« ».

1. . . . : / . . . . — . . . .

2. . . . // . . . . — 2004. — 9. — . 11–15. /

3. . . . — 2008. — 3. — . 40. / . . . //

4. . . . // . . . . — 2014. — 278, . 2. — . 24–27. / . . . -

15 2016

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336.717

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### **THE CONCEPT OF COMMERCIAL BANKS DEPOSIT RESOURCES AND PROBLEMS OF STABILIZATION IN AN UNSTABLE ECONOMY**

The basic concepts of commercial banks deposit resources and their classification are considered. The main problems in the modern economy which affect the stability of the bank deposit resources are presented. The main risks and prospects for the stable and unstable resources application in long-term assets are analyzed.

*Keywords:* deposit, deposit resources, term deposits, call deposits.

1.	« » *
. . [1]	( ) — : • , ; • ,
. . [2]	— ,
. . [3]	.
. . [4]	— ,
. [5]	— ,
. . [6]	—
. . [7]	, -

\*

. 2.

2.

\*

	• ; • ; ) ; ) ; • .
	• ; • .
	• ; • .
	• ; • .
	• ; • .
	• ; • .

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2

»),

[8].

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- 
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- 
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»

[9].

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1. : / . . . -  
 .— ∴ ,2004.— 491 .  
 2. : / . . . .— 2- ., . .— ∴  
 ,2005.— 672 .  
 3. : / . . . .— ∴ ,2002.  
 —464 .  
 4. // ∴ .—2009.— 1 (6). / ∴ ,  
 5. : . ./ . . . .— ∴ : - ,2001.—  
 314 .  
 6. : / . - . . . .— 2- ., -  
 .— ∴ : - ,2015.— 592 .  
 7. / . . . .— ∴ ,2003.— 256 .  
 8. . . : / . . .  
 — ∴ - ,2006.— 339 .  
 9. . . // .— 2013.— 5 (49).

336.6

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**INNOVATIVE INVESTMENT STRATEGY AS THE MAIN WAY  
OF COMPANIES DEVELOPMENT IN RUSSIA**

The theoretical aspects of innovative investment development of the enterprises under modern conditions were considered, the primary issues were determined. The interrelation of innovative and investment processes was grounded. The main strategic approaches to innovative investment development were formed and stated, the possible risks were highlighted. The statistic data for the Republic of Crimea and Sevastopol on the use of innovative technologies was presented.

*Keywords:* innovative investment development, innovation, investment, innovation activity, strategic management, innovations.

1. \*

	2011	2012	2013	2014	2015
	191650	191372	193830	204546	218018
	17205	17948	14830	15645	18838
	7522	7848	8290	9580	10667
	—	—	—	66	75
	—	—	—	103	108

\* [1]



- 
- 
- 

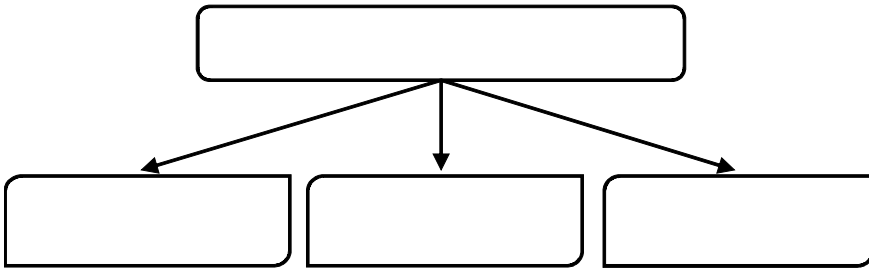
[2].

- 
-

- 
- 

- 
- 
- 

( .1).



.1.

SWOT-

1.

1. [ ] / . — : [www.gks.ru/wps/wcm/connect/rosstat\\_main/rosstat/ru/statistics/science\\_and\\_innovations/science/#](http://www.gks.ru/wps/wcm/connect/rosstat_main/rosstat/ru/statistics/science_and_innovations/science/#) (02.02.2016).
2. [ ].— : [www.v-itc.ru/investregion/2011/04/pdf/2011-04-03.pdf](http://www.v-itc.ru/investregion/2011/04/pdf/2011-04-03.pdf) (02.02.2016).
3. / . . , . . . ; . . . — : . . . , 2014. — 154 .
4. — / . . . : « . . . », 2010. — 375 .

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336.76

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### DEVELOPMENT TRENDS OF MUTUAL INVESTMENT FUNDS IN THE RUSSIAN FEDERATION

The current state of functioning of mutual investment funds of Russia is investigated in the article. The analysis of the main quantitative and cost indexes of their activity is made. The directions and possibilities of the existing problems solution are defined.

*Keywords:* mutual investment funds, cost and structure of assets, net assets value, profitability (change of share cost).

[14] [5], [6], [1], [2], [3].  
[7], [10], [13],

«...»,  
[13].  
[3].  
[5].  
«...»,  
—  
( ) [1].  
», ... «  
» [2].  
», «  
»,  
«...»  
«...» [14].  
», «  
( )» ... «  
( )» [6].  
», «  
» [7].  
», [10].  
«...» «

29 2001 156- « »

[11]. ( ):

[11]. 16

( ) , [9].

22.04.1996 . 39- « »

22.04.1996 . 39-

« » :

« » , ( )

[12].

2013 2014 1534, 43, 2,88%

—70,08%.

2013 2014 26,27%, 65,46%, 30,72% 3,82%. — 3,65% . 2014 ( 10,14% 4,62 . . )

( 12,01% 4,45 . . ) (

1,75% 0,17 . . ).

2014 708 ( 75 , 11,85% 2013 ) . 46,15%.

22.04.1996 . 39- « » ,

2014

32 , 3,73%.

102

2013 ( ) , 156,2 , 2014 2190,0 , 7,68% , -  
 2014 3 , 334 ( ) . 0,91% .  
 , 2014 29 , 2013 (30 -  
 ) . , -  
 , -  
 , 80% , 2014 13,56% , -  
 22,8% , 80% , -  
 — 20,7% . top-20 — 92,91% [8]. 80% , -  
 73,57% , top-100 — 0,23 . . 3,39% , 2013  
 . . 2408876,1 . . ( . 1) . 2014 298648,8

1.

\*

	2013 .		2014 .		2014 . 2013 ., %
	. .	% ,	. .	% ,	
, :	2110227,3	100,0	2408876,1	100,0	114,15
, :	233249,3	11,05	194002,8	8,06	83,17
•	136375,1	6,46	121697,8	5,01	88,50
•	96874,2	4,59	73305,0	3,05	75,67
	384315,0	18,21	402677,8	16,72	104,78
	62165,3	2,95	50819,4	2,11	81,75
	8035,6	0,38	3073,0	0,13	38,24
	2895,8	0,14	2639,3	0,11	91,14
	100,8	0,005	52,9	0,002	52,44
	57488,2	2,73	77433,6	3,22	134,69
	5766,2	0,27	6506,7	0,27	112,84
( )	137648,5	6,52	208334,4	8,65	151,35
	11687,2	0,55	65541,8	2,72	560,80
	933267,5	44,23	1059802,5	44,0	113,56
	273607,8	12,97	337992,3	14,03	123,53

\* [4, 8]

, 2014 (44,0% ) .  
 (16,72%), — ( ) -  
 (8,65%), — (8,05%  
 ( ) ,  
 14,03%)) 2014 -  
 ( 126535,0 . ., 13,56%), ( ) -

( 70685,5 . ., 12,84%), ( 53674,6 . ., 34,69%),  
 5,6 ), ( 19945,4 . ., 4,78%  
 ( 18362,8 . ., 2013 ).  
 , 2014  
 (46,0%), (16,0%).  
 (23,0%) (37,0%),  
 (22,0%), (19,0%),  
 (45,0%), (14,0%). 2013  
 (15,0%), (14,0%).  
 ) 51,35%, 13,56%;  
 ( 1,86 );  
 ( 63,8%).  
 ,  
 2123673,0 . ., ( ) 2014 13,81%. 2014  
 35,6%, top-100 top-20  
 — 64,9%,  
 , top-20 2014 47,5%, top-100 —  
 86,34% [8]. 2016915,6  
 . ., 94,97%  
 (65364,3 1393,1 . .)  
 (4,02% 1,01%). 2014  
 ( 16,7% 9,78%),  
 24,6%) 2013 ( . 2).

**2.** \*

	2013 .		2014 .		2014 . 2013 ., %
	. .	, %	. .	, %	
	1733220,0	92,89	2016915,6	94,97	116,37
	113221,7	6,07	85364,3	4,02	75,40
	19486,6	1,04	21393,1	1,01	109,78
	1865928,3	100,0	2123673,0	100,0	113,81

\* [4, 8]

2014 2013  
 (43,39% 39,44%) ( . 3).  
 2014  
 (21,79%). 9,64%, — 6,33%,  
 — 4,84%. ( . , -  
 , , , , , - , -  
 . )  
 ( 297753,8 . ., ( 14,01%)  
 )  
 2014 2013  
 ( 149,59%),  
 104



3.

\*

	2013 .		2014 .		2014 . 2013 ., %
	. .	, %	. .	, %	
	176743,3	9,47	134363,7	6,33	76,02
	185404,5	9,94	462758,1	21,79	249,59
	735927,0	39,44	921405,8	43,39	125,20
	219416,2	11,76	102705,8	4,84	46,81
	210202,7	11,26	204685,8	9,64	97,38
	338234,6	18,13	297753,8	14,01	87,88
	1865928,3	100,0	2123673,0	100,0	113,81

\*

[4, 8]

( 25,20%)  
53,19%)

( 23,98%),

(

( 7,10%, ) 2014 — 7,20%, — 3,90%,  
— 14,90%. 2014 — 1,48 . . 11,77  
( 4,43 . . ), ( 1,48 . . 11,77  
. . ).

(66,50%),

(61,0%),

(21,40%).

(65,5%),

(7,90%),

—

(38,80%),

(25,40%).

—

-

(-5,60%),  
(-10,30%),

(-6,30%);  
(-9,40%),

—

(-5,10%),

(-1,60%) . [8].

2014

65,6 . .

138,3 . .

2013

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6. : .... / . , 1998. — 416 .
7. : .... / . — , 2002. — 180 .
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11. : 29 2001 156-13.07.2015 . [ ]. — : [base.garant.ru/12124999/](http://base.garant.ru/12124999/) ( 24.12.2015).
12. : 22 1996 . 39-13.07.2015 . [ ]. — : [base.garant.ru/10106464/](http://base.garant.ru/10106464/) ( 24.12.2015).
13. : / . — : , 2008. — 100 .
14. / . , . — . — : , 2006. — 1027 .

**Gorovets Natalya,**  
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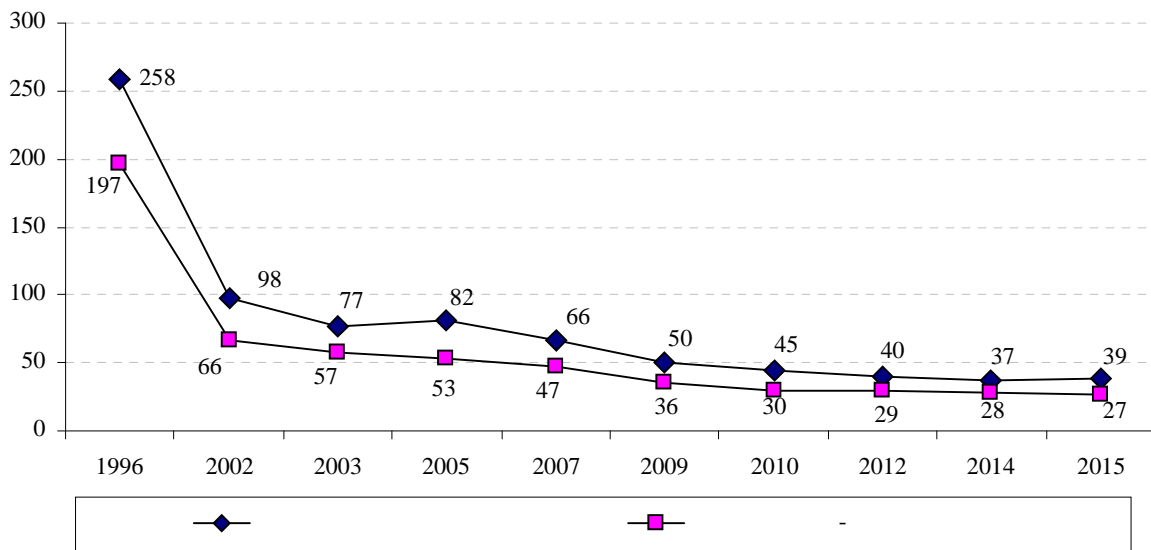
### **THE CURRENT STATE AND PROSPECTS OF THE REGISTRARS INSTITUTE ACTIVITY IN THE RUSSIAN FEDERATION**

The article considers the basic models of maintenance of the placement owners' registers, trends and development challenges of the registrars institute in the Russian Federation. The author gives the assessment of the current state and prospects of this accounting system institute activity.

*Keywords:* accounting system, registrar, placement owners register, central depository.

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3. [ ] — : [www.reestring.ru/rejting\\_all.php](http://www.reestring.ru/rejting_all.php) ( 15.01.2016).
4. [ ] — : [www.cbr.ru/finmarkets/?PrtId=sv\\_secur](http://www.cbr.ru/finmarkets/?PrtId=sv_secur) ( 15.01.2016).
5. / . . . / [ ] — : [economy-lib.com/upravlenie-riskami-registratora-reestrov](http://economy-lib.com/upravlenie-riskami-registratora-reestrov) ( 15.01.2016).
6. : 07.12.2011 . 414- [ ] — : [rg.ru/2011/12/08/depozitarij-site-dok.html](http://rg.ru/2011/12/08/depozitarij-site-dok.html) ( 15.01.2016).
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9. [ ] — : [kapital.kz/economic/4260/sistemu-reestrov-derzhatelej-cennyh-bumag-budet-vesti-edinyj-registrator.html](http://kapital.kz/economic/4260/sistemu-reestrov-derzhatelej-cennyh-bumag-budet-vesti-edinyj-registrator.html) ( 15.01.2016).
10. : 6 2012 . 5178 [ ] — : [base.spinform.ru](http://base.spinform.ru) ( 15.01.2016).

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65.012

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## **THE CHOICE OF THE CONFORMITY ASSESSMENT METHOD OF MANAGEMENT DECISION-MAKING WITH QUALITY REQUIREMENTS**

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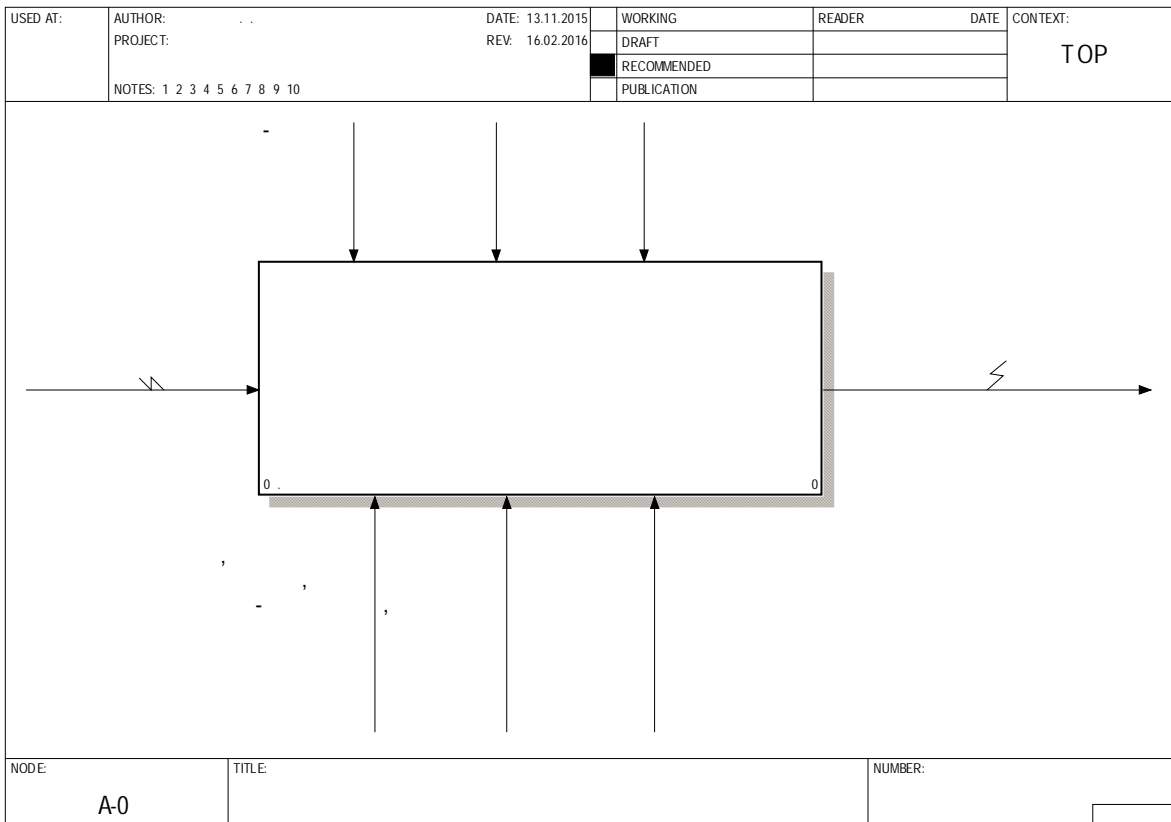
Management decision-making is considered from the standpoint of the process approach. The model of management decision-making is built on the basis of IDEF0 methodology. The methods of quality assessment are analyzed. The choice of the conformity assessment method of management decision-making with the quality requirements was justified.

*Keywords:* management decision-making, assessment, quality, method, qualimetry, fuzzy logic.

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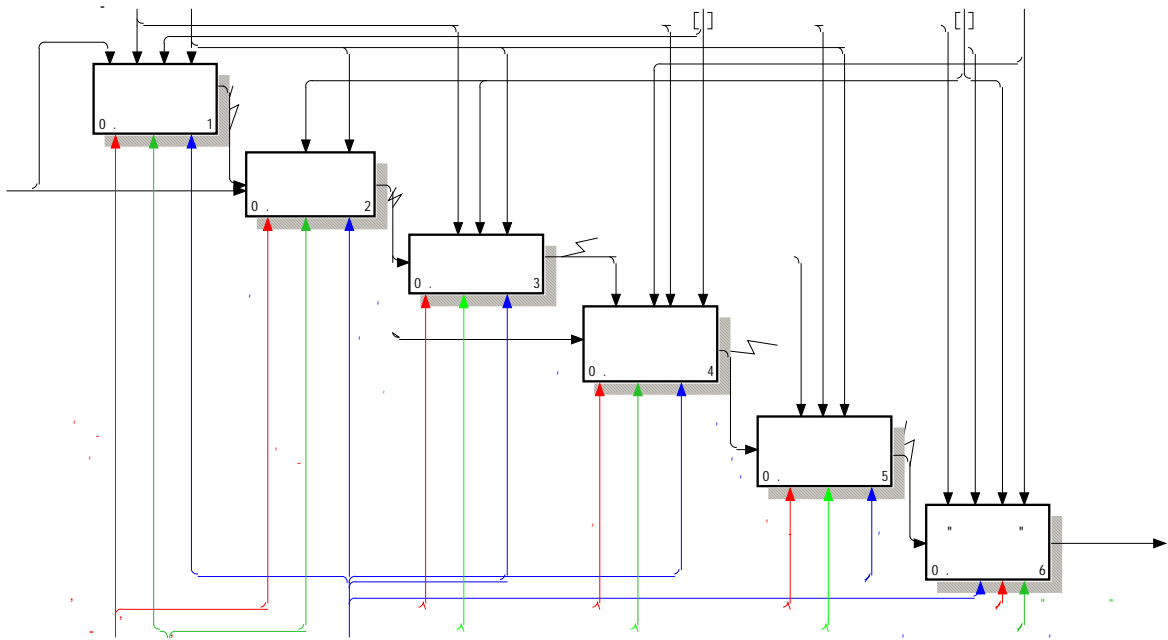
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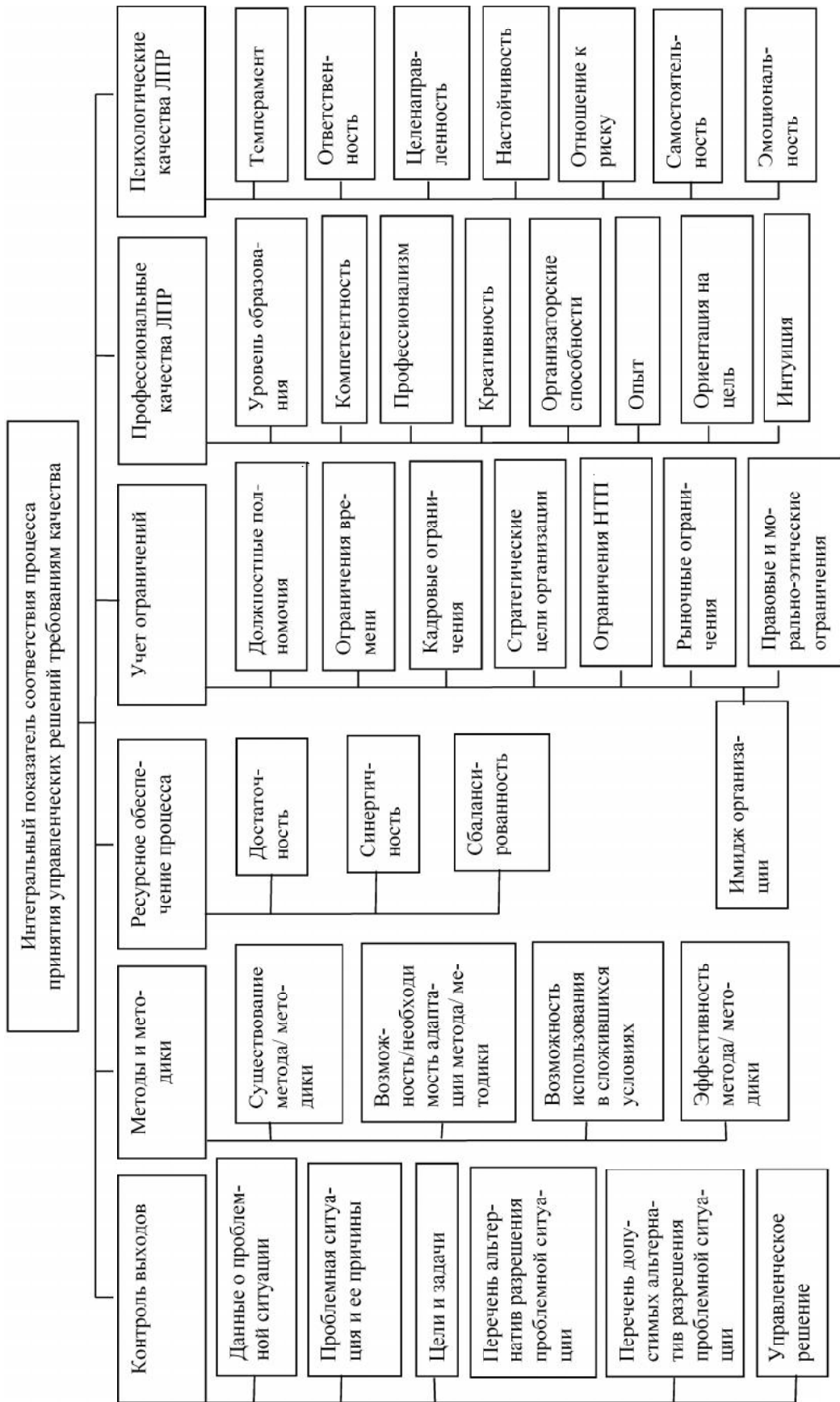
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4. / . . . [ ]// . — 2006. — 6. : [www.dis.ru/library/manag/archive/2006/6/4154.html](http://www.dis.ru/library/manag/archive/2006/6/4154.html) ( 24.12.2015).
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8. ( 24.12.2015). [ . . . Fuzzy Technology: / . . . . — . . . , 2002. — 224 .
9. [ . . . ]. — : [rain.ifmo.ru/cat/data/theory/unsorted/fuzzy-logic-2006/article.pdf](http://rain.ifmo.ru/cat/data/theory/unsorted/fuzzy-logic-2006/article.pdf) ( 24.12.2015).
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### OPTIMAL RESOURCE DISTRIBUTION UNDER UNCERTAINTY

The fuzzy-set approach to solving the problem of optimal resource distribution under uncertainty is described. To solve the problem of fuzzy mathematical programming the metaheuristic optimization algorithm is used. The example of the problem solution is given.

*Keywords:* mathematical programming, fuzzy conditions, resources distribution, metaheuristic optimization, membership function.

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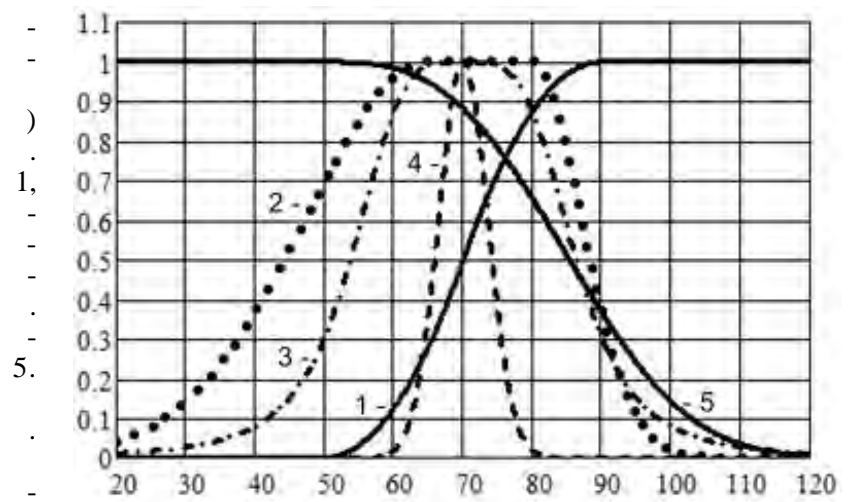
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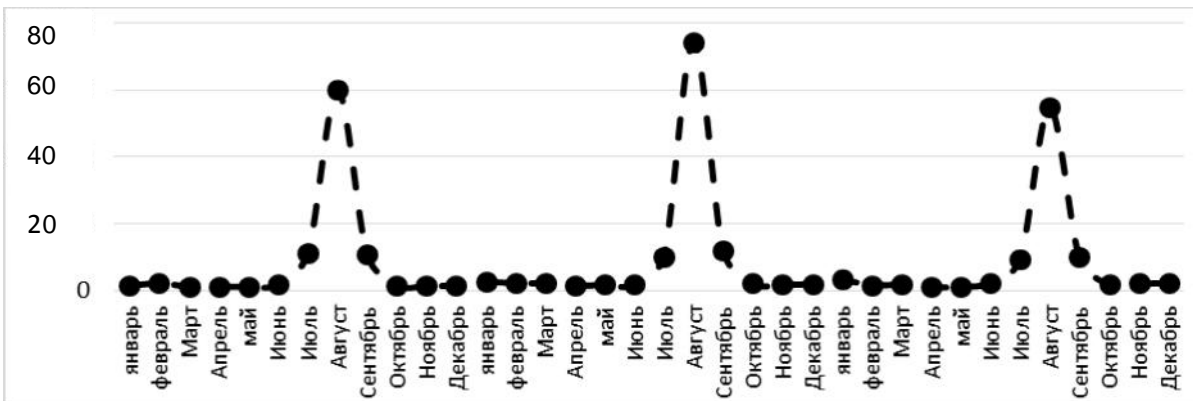
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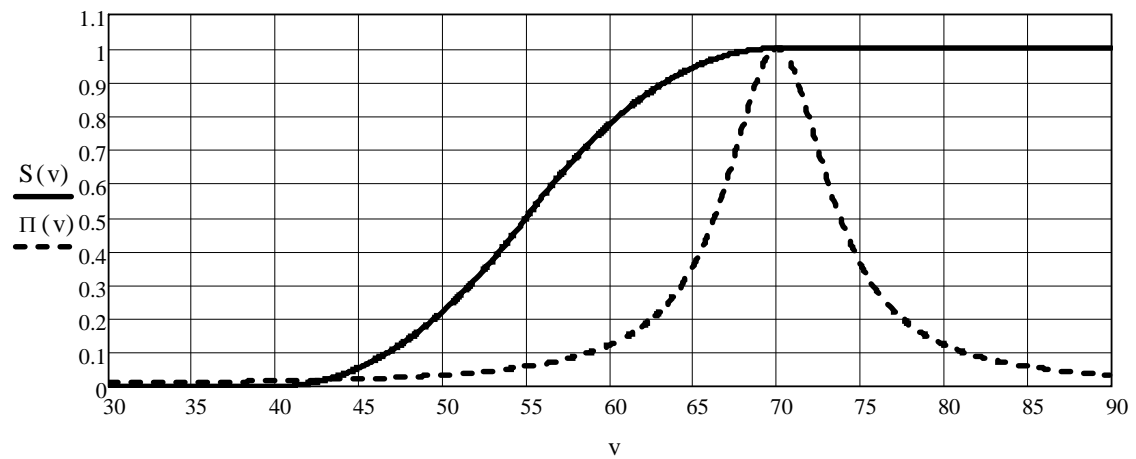
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$60 \leq x_0 \leq 90, 60 \leq x_1 \leq 90, 45 \leq x_2 \leq 80, 30 \leq x_3 \leq 40,$   
 $40 \leq x_4 \leq 50, 15 \leq x_5 \leq 35, 15 \leq x_6 \leq 45.$  (2)

(2)  $x_0 - x_6$  — 12, 18, 24, 36, 48, 60 96 (2)

.3) « » .3 ( .3). S- ( .3)



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$$S(v) = \begin{cases} 0, & v \leq \alpha, \\ 2 \left( \frac{v-\alpha}{\gamma-\alpha} \right)^2, & \alpha < v \leq \beta, \\ 1 - 2 \left( \frac{v-\gamma}{\gamma-\alpha} \right)^2, & \beta < v \leq \gamma, \\ 1, & v > \gamma, \end{cases} \quad (3)$$

$v$  — ,  $\alpha$  — ( , -  
 .3,  $\alpha = 40$ ),  $\gamma$  — ( ) ( $\gamma = 70$ ),  $\beta = 0,5(\alpha + \gamma)$  —  
 ( ).

$$\Pi(v) = a / [a + b(v-a)^p], \quad (4)$$

— ,  $b$  —  
 ,  $p$  — ,  
 .3,  $a = 70$ ,  $b = 5$ ,  $p = 2$ .

- (4).  $a$  (2),  
 $b = 0,001$ ,  $p = 4$
- (1), (2);
- 1)  $v(X) = \sum_{i=0}^6 c_i x_i$ ,  $c_i$  —  
 $i$ -
- 2)  $v(X)$  (3) (4);
- 3) (4) (4) . 1;
- 4) (1).
- 5) (1).

$$X_0 = \arg \max_{X \in U} \min(G(X), \mu_1(x_1), \dots, \mu_7(x_7)), \quad (5)$$

$U$  — ( — ),  $G(X)$  —  
 ( ),  $\mu_i(x_i)$  —  $i$ - ( . 1  
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6. / . — : « », 2005. — 912 .

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## **THE USE OF ECONOMIC STRENGTH RESERVES AS A BASIS FOR THE ENTERPRISES COMPETITIVENESS IMPROVEMENT**

The article defines the concept of enterprises economic strength, the competitiveness improvement factors are considered and analyzed, the classification of the enterprise economic strength reserves is introduced, which provide an integrated approach to realize competitive advantages in a changing internal and external environment.

*Keywords:* reserves, enterprises economic strength, competitiveness, external and internal factors of enterprise operation.



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1. // : « »; [ ] — . 138-142.
  2. / // (6-9 2010 ). , 2010. — . 52-55.
  3. : —2012.— 27.— . 125-134. / //
  4. / . — , 2000. — 312 . [ ]:
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  6. : / [ ] — : [www.zavodsd.ru/books/economika\\_predpriyatiya\\_konspe/](http://www.zavodsd.ru/books/economika_predpriyatiya_konspe/) ( 15.01.2016)

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### **ANALYSIS OF APPROACHES TO ASSESSING THE PERSONNEL COMPETITIVENESS IN THE ENTERPRISE**

The study of existing approaches to the assessment of the competitiveness of enterprises, goods and personnel was conducted. The existing approaches to competitiveness assessment are divided into several meaningful homogeneous groups with allocation of such systematization criteria, as a kind of computational model and versatility. According to the analysis the additive, comparative and effectively-correlative approaches were highlighted. The strengths and weaknesses of each approach were identified.

*Keywords:* evaluation of the competitiveness, approach, factors, personnel, assessment methodology, systematization criteria.

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  4. / . . . . — : ,2003. — 426 . -  
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  6. . . . : ,2004. — 256 . , /
  7. . . . [ . . . ] . — : kampi.ru/  
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  8. / . . . , . . . // -  
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  9. . . . / . . . // -  
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**THE ESSENCE OF CONCEPTION «PERSONNEL COMPETENCE»**

In the article exposes the essence and content of conceptions «competence» and «personnel competence». Morphological analysis of the conception «personnel competence» was made. Key words in the definition of the conception «personnel competence» were defined; its components and main aims were highlighted. Author's definition of the conception «personnel competence» was presented.

*Keywords:* competences, personnel competence, morphological analysis, personnel management in the enterprise.

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338.2

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:

## **THE SYSTEM OF THE TOURIST BUSINESS ECONOMIC SECURITY: ARCHITECTURE AND PROCUREMENT**

The system of the tourist business economic security in terms of the unity of the three main components is considered: counter threats, coordinating the constituent entities' interests and resource provision. Graphical representation of the system of economic safety in tourism business is proposed. Elements of economic security system of tourist destinations as a complex socio-ecological-economic system which is an important element of the system of tourist business economic security are identified.

*Keywords:* economic security, tourism business, threats to economic security, interests, resources provision, economic security levels of tourist business, tourist destination.

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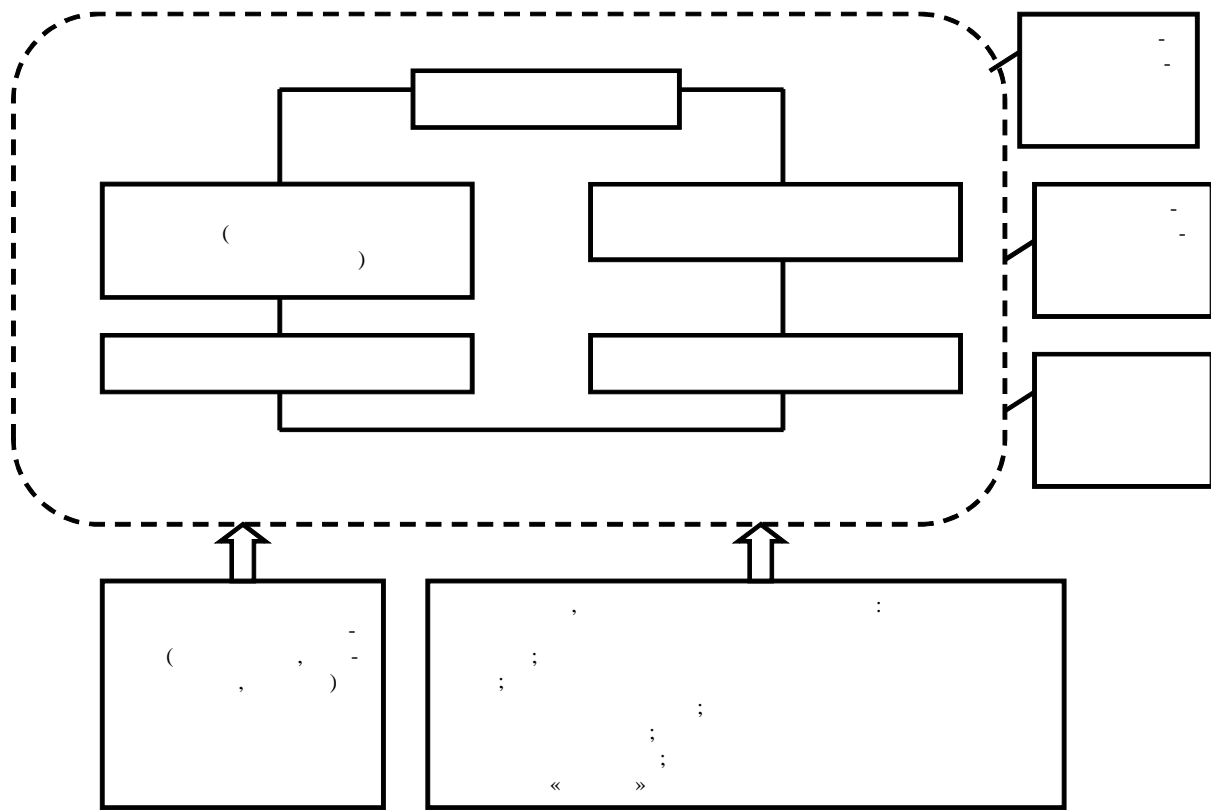
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7. : [ - ] . — , 1995. — .141-152.
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12. / . . . — .: ,2002. — 567 .
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338.48

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**Litvin Yulya,**

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## REPUBLIC OF CRIMEA AS SEZ OF TOURIST AND RECREATIONAL TYPE

2020

This paper considers the necessity for the creation of the special economic zone of tourism and recreation type as prospects for the development and improvement of the Crimean tourism. The basic objectives and the development options of tourism of the Republic of Crimea were highlighted; the program of the social and economic development of the Republic of Crimea and Sevastopol until 2020 and the feasibility of establishing a tourism cluster in the area was analyzed. Conclusions were made and the positive features at creation of a special economic zone of tourism and recreation type in the Republic of Crimea were identified.

*Keywords:* special economic zone of tourism and recreation type, the Republic of Crimea, strategies, objectives, tourist cluster, program of the social and economic development.



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