

*N. S. Klunko*

### PROBLEM OF ADAPTATION OF THE COMPANIES OF STEEL INDUSTRY TO MODERN MARKET ENVIRONMENT

**Introduction:** Nowadays the problem of adaptation of Ukrainian metallurgical enterprises to the conditions which determine the state of the current market in the steel industry is of great current interest

**Aims and Objectives:** To analyze the problems which determine the current status and possible adaptation of domestic metallurgical enterprises to the conditions of the market environment whose main structural element and driving force is innovation. **Methods:** analysis, classification, clustering using index k-average.

**Results:** The essential element of business management of metallurgical enterprises is innovation. Factors which affect the processes of adaptation of metallurgical enterprises to the conditions of current economic environment have been researched. **Conclusions:** It has been determined that the structural element and the driving force of the market environment is an innovative component which considerably affects the operations of steel companies.

**Key words:** metallurgy, adaptation, market environment, innovative environment, factors.

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5.	1	1	2	3	30	4,62
6.	2	1	23	4	7	3,35
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8.	3	2	30	1	1	2,94
9.	4	3	22	4	4	3,19
10.	0	0	0	0	37	5,0
11.	2	2	30	2	1	2,94
12.	2	3	25	5	2	3,05
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4.	-	3,72	3,72	13,8
5.		4,89	4,62	23,0
6.	-	3,35	3,35	11,2
7.		2,83	2,83	8,0
8.	-	2,94	2,94	8,6
9.		3,02	3,19	9,6
10.	-	4,02	5,0	20,1
11.		2,94	4,78	14,05
12.		3,12	3,78	11,8
13.		2,18	2,18	4,8
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Case No.	Case No.	Case No.	Case No.	Case No.	Case No.	Case No.
C 7	C 8	C 9	C 13	C 14	C 15	
Distance	0,578315	0,935559	1,528265	1,345075	0,935559	2,631483

Members of Cluster Number 2 (Критерии) and Distances from Respective Cluster Center Cluster contains 6 cases						
Case No.	Case No.	Case No.	Case No.	Case No.	Case No.	Case No.
C 2	C 3	C 4	C 6	C 11	C 12	
Distance	0,647623	0,622106	0,370066	1,205669	0,780836	0,847594

Members of Cluster Number 3 (Критерии) and Distances from Respective Cluster Center Cluster contains 3 cases			
Case No.	Case No.	Case No.	
C 1	C 5	C 10	
Distance	0,606438	0,580833	1,182540

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1.	-	0,606438
5.	-	0,580833
10.		1,182540
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