## REQUIREMENTS TO CONFERENCE PAPERS

**Languages:** Ukrainian, Russian or English.

**Structure of article**: ***introduction*** - statement of a problem in a general view; ***a condition of a question***, ***allocation of a unresolved part of a problem*** to which given article is devoted; ***the formulation of the purposes*** of article, ***statement of problems (tasks)***; ***a statement*** of the basic ***material*** of researches from a substantiation of the received scientific results; ***conclusions*** by results of the executed researches and the short information on prospects of their subsequent use.

**The text of article** in volume from 5 up to 10 pages, including the summary, tables and figures, should be sent as **Microsoft Office file** to the following e-mails: tereschuke@nmu.org.ua or rogozam@nmu.org.ua.

The text should be also printed by black ink on one side of the A4 format sheets without numbering pages. Font is **Times New Roman**, font size is 12. An interval between terms is single. All margins are 2 cm, paragraph indent is 5 mm. The main text should have justified alignment and be without automatic word hyphenation. The widths between the words should be **only one space**. Abbreviations (except for common mathematical values, measures, terms, etc.) are not allowed. All drawings, diagrams, graphs, charts and tables should be inserted in the text strictly within the above-mentioned page sizes. Tables should be compact, have a title, and their cap should correspond exactly to the content of the graphs.

**PROHIBITED: automatic word hyphenation, footnotes and lists, hanging lines, tearing off from the next line, spelling errors.**

**ARTICLE SHOULD BE PREPARED ACCORDING TO THE FOLLOWING REQUIREMENTS:**

- **The article title - by capital letters, bold, smoothing on a center without hyphenations.**
- **Free line.**
- **Initials, last name of authors, organization, country – by italic font, smoothing on a center without hyphenations. Nonbreaking space must be placed between the initials and last name (initials 'Ctrl+Shift+Space'last name). And in such way should be done a new line, if the authors are from various organizations, institutions or countries. Degree and position is not specified.**
- **Free line.**
- **Annotation by the language of the article up to 7 lines, indention space 5 mm, justified alignment without automatic word hyphenation.**
- **Free line.**
- **Article is provided as continuous text. Paragraph indent is 5 mm, justified alignment without automatic word hyphenation.**
- **All formulas should be made in the mathematical editor Math Type. Tables for formulas and groupings of disparate characters are not allowed, font size is 12, without a paragraph, align center.**
- **Figures, tables and inscriptions to them are located directly in the text and implemented as objects in the document. Illustrations should be monochrome (black-and-white or black-grey colors). Between the numbers of figures or tables should be non-breaking space.**
- **Free line after the full text article.**
- **The list of references according to standards without skipping a line. Indention space is 5 mm, justified alignment.**

*Articles that will be sent to the organizing committee of the Forum after* **31.07.14** *and will not satisfy the requirements, will not be included in the conference program, as well as printed.*

**SAMPLE**

# TO DETERMINING THE ASSESSMENT CRITERIA OF BROACHING MINE WORKING STATE IN DEEP COAL MINES

*O.M. Shashenko, G.Y. King, State Higher Education Establishment "National Mining University", Ukraine*
*V.F. Demin, Karaganda State Technical University, the Republic of Kazakhstan*

Results of the analysis of the assessment criteria of broaching mine working state are given. Accounting necessity of parameters that indicate the status of mounting hardware and rock foot for assessment the overall stability of the broaching is substantiated. New criteria for evaluation the mount workings state are proposed.

Monitoring conduction of broaching mine workings requires justification of appropriate criteria for assessment their conditions, the effectiveness of which primarily is determined by the degree of reliability, simplicity and the possibility of obtaining of full dynamic picture for any period of mine technical object exploitation. Data about repair work, surveyor measurements and the results of visual surveys allow assessing the state of the mine workings by known probabilistic resistance index $\omega_к$, which characterizes the state of development of the integral sense on the whole and has the form:

$\omega_к = f(u)$.

Resistance index $\omega_к$ is defined as the ratio of total length of the mine workings parts, which don't require repair $S'_к$, to its full length S:

$$\omega_к = \frac{S'_к}{S}, \quad (1)$$

Index $\omega_к$ variates from 0 to 1. Mine workings, which don't require repair work when $\omega_к = 1$, or need complete overhaul when $\omega_к = 0$.

One of the advantages of the probabilistic measure resistance is its functional relationship with displacement of mine workings contour *u*, that have the greatest impact on the overall mine workings resistance (Fig. 1).

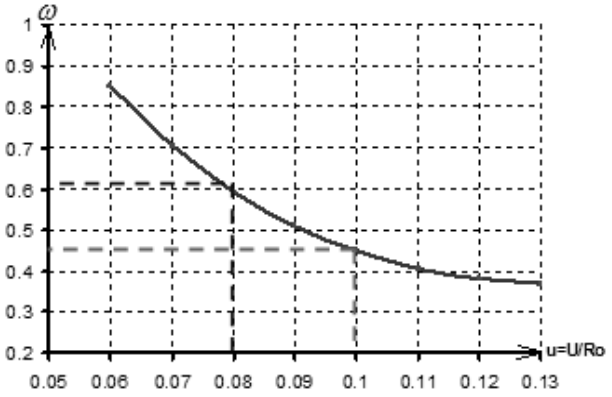


Fig. 1. Dependence of the resistance index ω from the mine workings displacement

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1. Shashenko A.N. Stability of underground workings in an inhomogeneous rock mass: Dis. ... Doctor. Tehn. Sciences: 05.15.04. - Dnepropetrovsk, 1988. - 507.

2. Khalimendik O.V. Substantiation of a method of improvement the stability of permanent working by great displacements of rock contour: Dis. ... Cand. Tehn. Sciences: 05.15.04. - Dnepropetrovsk, 2012. - 189 p.