

GISAP:

PHYSICS, MATHEMATICS AND CHEMISTRY

International Academy of Science and Higher Education
London, United Kingdom
International Scientific Analytical Project

№ 3 Liberal* | August 2014



Expert group:

Rena Kasumova (Azerbaijan), Nathan Lebrun (France), Yuri Khlopkov (Russia), Brian Hurst (UK).

The history of fundamental knowledge shows that its development has always been accompanied with the inconsistent attitude from the society. Admiration, desire to understand unknown, misunderstanding, scepticism and categorical denial have always been comprehensively mixed in the structure of the traditional social reaction to achievements of natural-science and mathematics.

However knowledge of fundamental bases of life and mathematical tools of objective reality and abstract elements analysis is closely connected with public progress. Its actual improvement could be stopped only by termination of human evolution process.

Development of the society predetermines formation of new demands requiring satisfaction in mental environment. Eventually such requirements always become more and more comprehensive. The knowledge intensity of the mechanism of their satisfaction inevitably increases. At the same time being in the continuous process of consumption of social benefits the person rarely realizes the fact that many personal demands (even the most primitive) are satisfied in a way based on outstanding discoveries.

While thinking about this idea, it is easy to come to a conclusion about major injustice of the social attitude to the fundamental knowledge: they aren't popular - often they are not interesting for people; natural-science and mathematical concepts are generally understood as excessively difficult and boring matters; many people consider such knowledge as useless; scientists working in this sphere are seldom famous...

However one shouldn't be too quick in making conclusions. The person is always afraid of the unknown... But the person always seeks for it. It is in the basis of the Homo sapiens nature. Comprehension of a mystery is always something like a fairy tale, a miracle. A person unaware of the core of things going on around will inevitable treat the unknown watchfully.

On every next stage of development fundamental sciences often considerably expand borders of human knowledge. Every such scientific breakthrough will be considered by the majority of members of the society as a miracle... Certain detachment of mass consciousness from fundamental studies is not a consequence of neglect, but the result of contact of unready intellect with deep mysteries of life.

Thomas Morgan
Head of the IASHE International Projects Department
August 11, 2014



GISAP: Physico-Mathematical and Chemical Sciences №3 Liberal* (August, 2014)

Chief Editor – J.D., Prof., Acad. Pavlov V.V.

Copyright © 2014 IASHE

ISSN 2054-6483

ISSN 2054-6491 (Online)

Design: Yury Skoblikov, Helena Grigorieva, Alexander Stadnichenko

Published and printed by the International Academy of Science and Higher Education (IASHE)

1 Kings Avenue, London, N21 1PQ, United Kingdom

Phone: +442032899949, E-mail: office@gisap.eu, Web: <http://gisap.eu>

- ! No part of this magazine, including text, illustrations or any other elements may be used or reproduced in any way without
- the permission of the publisher or/and the author of the appropriate article.

Print journal circulation: 1000

“* – Liberal – the issue belongs to the initial stage of the journal foundation, based on scientifically reasonable but quite liberal editorial policy of selection of materials. The next stage of development of the journal (“Professional”) involves strict professional reviewing and admission of purely high-quality original scientific studies of authors from around the world”.