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AND CULTURAL ORGANIZATION (UNESCO)  
INTER-PARLIAMENTARY ASSEMBLY  
OF EURASIAN ECONOMIC COMMUNITY  
PUSHKIN LENINGRAD STATE UNIVERSITY  
(base institution)  
UNESCO INSTITUTE FOR LIFELONG LEARNING  
UNESCO/UNEVOC NATIONAL CENTRE IN RUSSIAN FEDERATION  
REPRESENTATIVE OFFICE OF THE UNESCO/UNEVOC NATIONAL CENTRE  
IN RUSSIAN FEDERATION IN LENINGRAD REGION  
INSTITUTE OF THEORY AND HISTORY  
OF PEDAGOGICS OF RUSSIAN ACADEMY OF EDUCATION  
INSTITUTE of REGIONAL ECONOMICS  
OF RUSSIAN ACADEMY OF SCIENCES

# **LIFELONG LEARNING**

## **CONTINUOUS EDUCATION FOR SUSTAINABLE DEVELOPMENT**

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**Lifelong learning**

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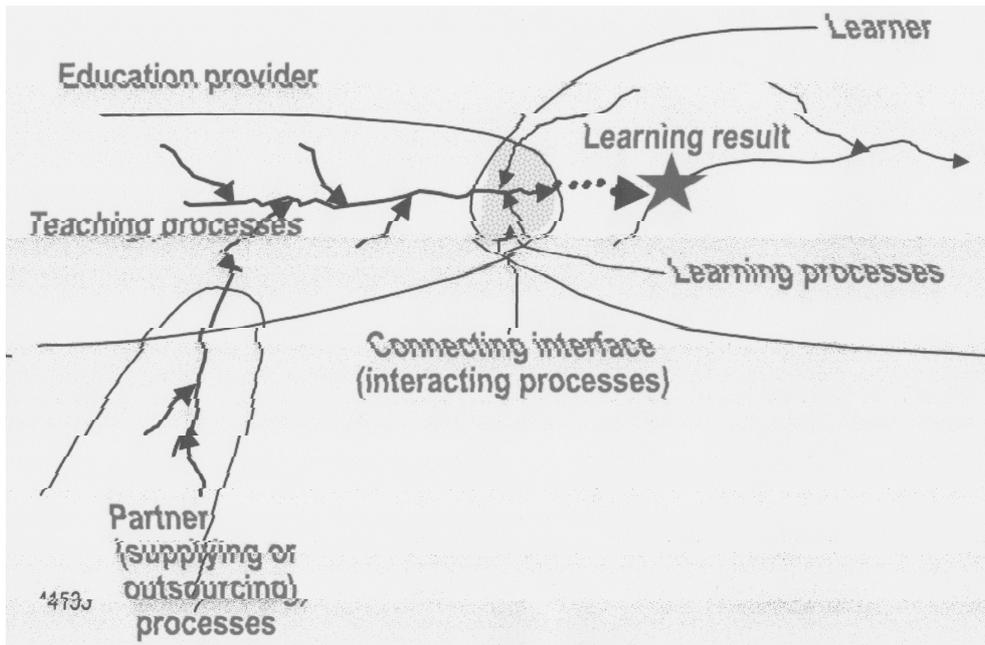
**ENSURING THE QUALITY OF LEARNING THROUGH EFFECTIVE AND  
EFFICIENT EDUCATIONAL PROCESSES**

**J. Anttila**

*quality      quality management (QM)*

*needs and expectations      all interested parties*

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Provisioning learning in the education processes through:

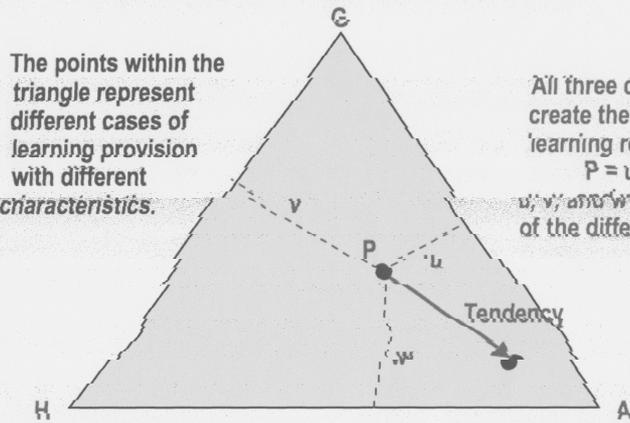
- G: Teaching materials (e.g. text books)
- H: Human interactions (teachers, colleagues, mentors, etc.)
- A: Automatic means (e.g. internet, social media)

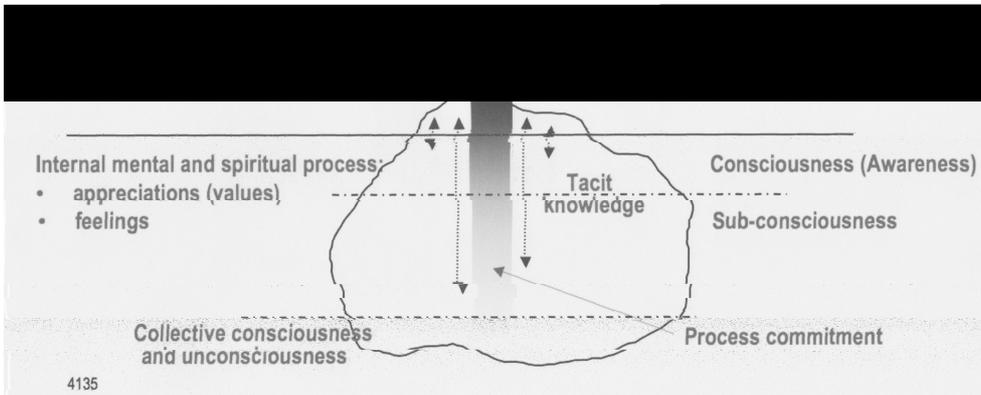
The points within the triangle represent different cases of learning provision with different characteristics.

All three categories of the learning means create their contributions to the composite learning results and quality of learning:

$$P = uH + vA + wG$$

$u$ ,  $v$ , and  $w$  are complementary variable portions of the different learning provision means.





*models*

*excellence models*  
*maturity*

---

---

**CONTENT-BASED CONFLICT  
AS A NECESSARY CONDITION  
FOR THE DEVELOPMENT OF EDUCATION**

**V. N. Vvedensky**

*Society - Culture*

*Person – Society*

*Person - Culture*

## References

[ ]

**THE RELEVANCE OF  
PHILOSOPHICAL-EDUCATIONAL  
SYNTHESIS IN THE EPOCH OF GLOBALIZATION**

**M. I. Vishnevsky**





***Conclusions.***

**References**

**EDUCATIONAL ASSESSMENT  
AS PART OF AN EDUCATION  
QUALITY MANAGEMENT TOOLKIT**

**U. Inoyatov**



**UNIVERSITY EDUCATION:  
THE MISSION OF A TEACHER**





**THE ROLE OF POSTGRADUATE EDUCATION  
IN THE IMPLEMENTATION OF LIFELONG EDUCATION  
IN POLAND**

- . Kula**
- . Penkowska**

*Lifelong Learning*

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*Students of Postgraduate Programs Organized by Higher Educational Institutions,  
Scientific and Research Institutions  
and Other Educational Structures in 2008/2009*


---

*Students of Postgraduate Programs Organized by Higher Educational Institutions,  
Scientific and Research Institutions and Other Educational Structures in 2012/2013*


**References**



**ON THE WAY  
TO PROFESSIONAL SELF-EDUCATION**

**N. . Lobanov**

*a need and a demand.  
Self-education as a need*

*objective necessity*

*Self-education as a demand,*

---

*professional self-education*

*tate and corporate subsystem of*

---

**THE FORMATION OF COMMON SPACE OF  
LIFELONG EDUCATION OF CIS COUNTRIES  
AS A PROBLEM OF PRESENT  
PEDAGOGICAL SCIENCE**

**V.A. Myasnikov**







**THE SOCIETY OF LIFELONG EDUCATION:  
UTOPIA OR REALITY?**

**V. Ya. Rushanin**

*institutional*

*informal*

*a constantly learning society*

---



*Vedomosti,  
Skolkovo*

***subject-oriented***

***project-oriented***

***teachers***

***a special type of a teacher***

---

**HUMANITARIAN PARADIGMS  
OF EDUCATION**

**Y. V. Senko**

*target-rational*

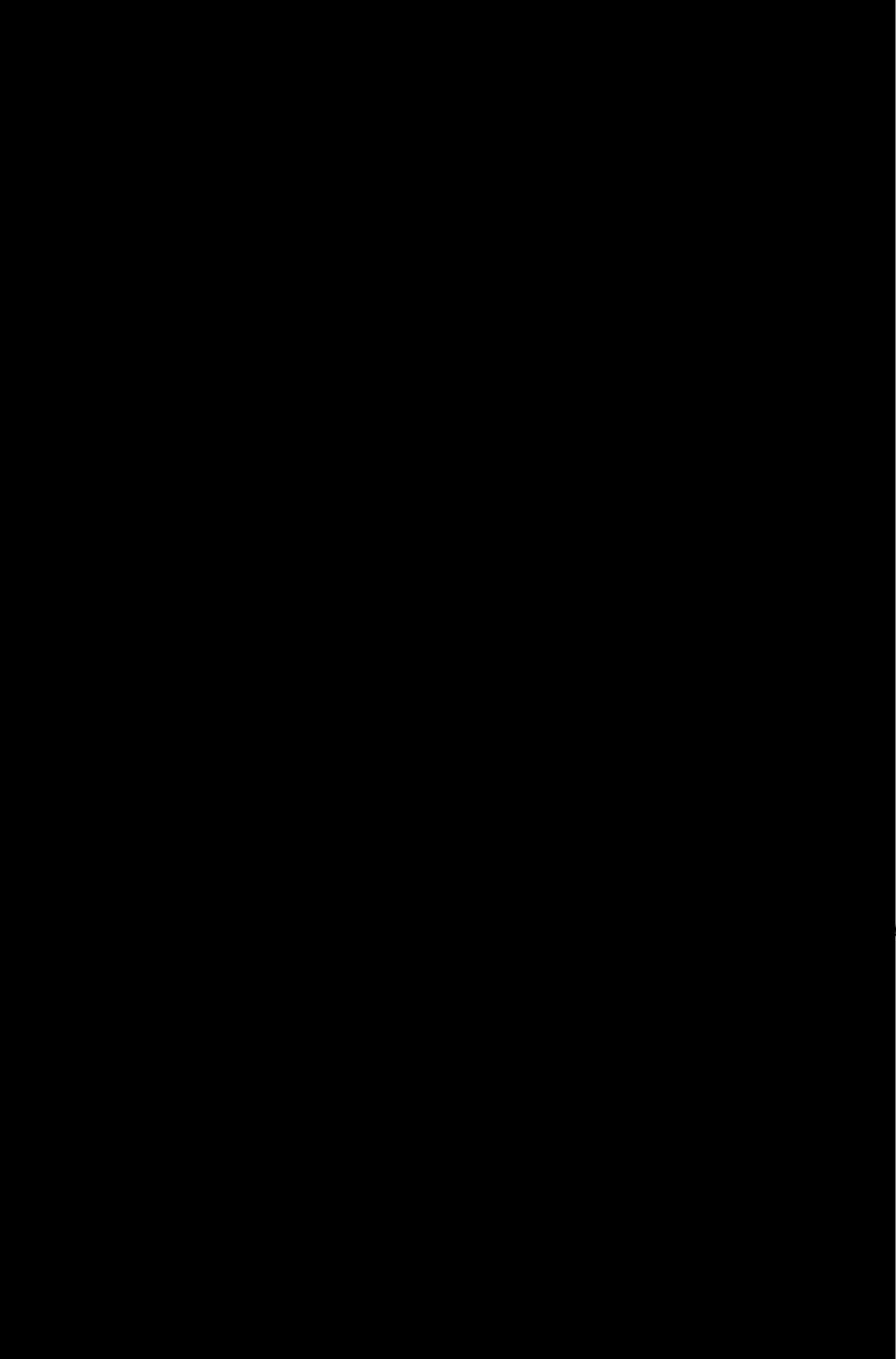
*value- rational*

*co-authorship*

*education*

*pedagogy as a science of*





@ ð

p ã





*related goals*

*of acquiring the meaning and content-*

*horizon of usefulness*



## References

-

**THEORETICAL AND METHODOLOGICAL APPROACHES  
TO CAREER GUIDANCE OF  
STUDENTS IN MODERN CONDITIONS**

**S. N. Chistyakova**

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## References



*the National Model of Lifelong Education*

*. General educational programs*

*Vocational educational\_*

*Academic lyceums*

*Vocational colleges*

*Higher education*



**SOCIETY OF CONTINUOUS EDUCATION:  
UTOPIA OR REALITY?**

**S. Arsenijevi  
Z. Avramovi**

*Lifelong Learning Center of the University.*

*Counseling of the University.*

*Center for Career Development and Student*



**UNESCO DEPARTMENT  
AS A SELF-LEARNING  
ORGANIZATION<sup>1</sup>**

**. V. Gorlova**

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## References

## **AN IMAGE OF LIFELONG EDUCATION OF THE FUTURE**

**I. . Greshilova**

*ideological and cultural mission  
function to become dominant?"*

*does education fulfill an  
what needs to be done in order for this*



## References

**TRAINING IN BASICS OF THE WELFARE STATE  
AS A RELEVANT TASK OF THE  
CONTINUING EDUCATION SYSTEM  
IN MODERN RUSSIA**

**O. I. Kosenko**

ZHOIDUH VWDWH IRU WUDWHV RI D ZHOIDUH VWDWH WKDW GLVW

:KHQ UHYLHZLQJ WKH HFRQRPLF EDVLV RI D ZHOIDUH VWD

VWDWH VKRXOG LQYROYH EXLOGLQJ DQ HIILFLHQW VRFLDO PDU  
EDVH IRU WKH ZHOIDUH VWDWH \*LYHQ WKH WUHQGV LQ WKH  
HFRQRPLHV LQ GHYHORSHG FRXQWULHV WKH SURSHFW  
WKH 5XVVDQ HFRQRPL\ VKRXOG EH HYDOXDWHG WRR 7KH WHD  
WKH DSSURSULDWHQHVV RI WKH LQQRWDWLYH GHYHORSPHQW  
PDLQWDLQLQJ WKH VWUDWHJLF SROXVILRU EXLOGLQJ D ZHOIDU

6SHFLDO DWWHQWLRQ LQ WKH WUDLQLQJ FRXUVH VKRXOG  
HQVXULQJ WKH VXFFHVVIXO RSHUDWLRQ RI WKH ZHOIDUH VWD  
WKH WHDFKHU WR VKRZ WKH VSHFLILF IHDWXUHV RI WKH OHJD  
LQFOXGLQJ WKH DWWULEXWHV RI D ZHOIDUH VWDWH DQG WKH  
VWDWH JRYHUQHG E\ WKH UXOH RI ODZ DV ZHOO DV WR SURYL

GHYHORSW RI D OHJDO EDVLV IRU D ZHOIDUH VWDWH VKRXOG  
GHPRFUDWLJDWLRQ RI VRFLDO UHODWLRQV 7KH WHDFKHU V  
GHPRFUDWLJ SRZHU ZLWK HPSKDVLV RQ WKH LPSRUWDQFH RI  
LQVWLWXWLRQV L\%H\%HWRM\%DQYWR VWXGHQWV ZK\ VRFL  
UHJDUGHG DV D PHWKRG IRU UHJXODWLRQ VRFLDO DQG ODERU  
DV D WHFKQLTXH IRU DVVHVVLQJ VRFLDO SHUIRUPDQFH LV X  
PDQDJLQJ KXPDQ UHVRXULFW DQG VRFLDO

6RFLDO SROLF\ RI WKH FRXQWU\ ZKLFK DGGUHVHV D Z  
FKDOOHQJHV IRU WKH EHQHILW RI WKH HQWLUH VRFLHW\ LV SU  
GLVFLSOLQH LQ TXHVWLRQ 7KHUHIRUH WKH FRXUVH VKRXOG  
VRFLDO\ SRODFZHOIDUH VWDWH DV ZHOO DV IRUPV DQG F

ZLWK WKH DFWLYH LQYROYHPHQW RI FLYLF LQVWLWXWLRQV FD  
HIILFLHQW VRFLDO\%H\%HWRM\%DQYWR 7KLV  
FRXUVH VKRXOG SD\ DWWHQWLRQ WR WKH SULRULWLHV RI WKH  
5XVVDQ DQG SURYLGH DQ LGHD RI WKH FXUUHQW DSSURD  
HIIHFWLYHQHV RI WKH VRFLDO SROLV DQG LW\%H\%HWRM\%DQYWR WKH ILQ  
WKH FRXUVH FRQWULEXWHV WR WKH VWXGHQWV\ XQGHUWDC  
JRYHUQPHQW DQG DGPLQLVWUDWLRQ DXWKRULWLHV VRFLDO  
VRFLDO UHVSQRVLELOLW\ RI D FLWL]HQ

7KH H\%H\%HWRM\%DQYWR WKH SFDGHP\ RI /DERU DQG 6RFLDO 5HODWLRQ  
VWDWH WKDW ZHOO\%H\%HWRM\%DQYWR VWXGHQWV LQ SUHSDULQJ  
DQG KDQGV

VHPLQDUV DQG KHQGRQV VWXGHQWV VKRXOG EH DEOH WR F  
WKHLU WKRXJKWV DQG GHIHQG WKHP LQ D FRPSHOOLQJ ZD\ (Y  
RI /DERU DQG 6RFLDO 5HODWLRQV VKRXOG EH FRQI  
WKH %DVLV RI WKH :HOIDUH 6WDWH ZLOO HQDEOH WKHP WR  
PRGHUQ 5XVVDQ UHOLWLHV DQG SURSHUO\ DVVHVV WKH  
XQGHUZD\ LQ WKH FRXQWU\ DV SDUWH RI WDW\%H\%HWRM\%DQYWR RI



**STRATEGIES OF LIFELONG EDUCATION  
IN THE CONDITIONS OF DEVELOPMENT OF A SOCIETY OF KNOWLEDGE**

**. P. Kudrenkova**



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**GREENING OF SKILLS IN ASIA:  
AGENDA FOR GREEN GROWTH AND  
CHALLENGES OF SKILL GAPS**

**M. Pavlova**

**Green growth and skills development.**

---

**Sri Lanka: Current gaps.**

*existing needs of industries  
green skills gap*

*Skills gaps*

*green skills*

*Training programs*

*Development of labour market actors in TVET development (employers' involvement):*

**Sri Lanka: Future gaps.**

*National Action Plan for Haritha Lanka Programme*

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sectors

*current and future gaps in the green*

*the non-green sectors*

*the non-green sectors*

**HOLISTIC EDUCATION:  
A STRATEGY OF THE LEARNING PLANET?**

**N. N. Peretyagina**





**LIFELONG EDUCATION AND  
COMPETITIVE ABILITY OF THE COUNTRY**

---



**CROSS-NATIONAL PRINCIPLES  
OF LIFELONG EDUCATION  
FOR SUSTAINABLE DEVELOPMENT**

**M. A. Tappaskhanova**

*The first*

*the goal*

*The second*

*The third*

*The fourth*

*The fifth*

*The sixth*



## References

**HIGHER PEDAGOGICAL EDUCATION  
IN THE REPUBLIC OF UZBEKISTAN**

**R. K. Choriev**

## References

**COMPETENCE AS ONE OF THE BASIC IMPERATIVES  
OF CONTINUOUS EDUCATION**

**LIFELONG SELF-IMPROVEMENT  
OF TEACHERS OF HISTORY**

**D. N. Abdullaev**



**FORMATION OF  
PROFESSIONAL COMPETENCES  
OF FUTURE SPECIALISTS**

**N. N. Azizkhodzhaeva**

*Competence*

*Competency*

*professional personal.*

*professional-content, professional-activity*

*The case-method*

*Authentic assessment*



**LIFELONG EDUCATION  
AS PREVENTION OF  
PEDAGOGICAL RISK**

**T. P. Braun**



## References

**FORMAL, NON-FORMAL, AND INFORMAL  
PROFESSIONAL IMPROVEMENT  
OF ENGINEERS**

**Yu. V. Gasheva**





**ESSENTIAL FEATURES  
OF DESIGN COMPETENCE  
OF STUDENTS**

**. S. Donnikova**



**IMPROVING TEACHER TRAINING IN THE CONTEXT  
OF LIFELONG EDUCATION**

**Z. O. Zhibayev**

*Kazakhstan Way – 2050 Single Goal, Single Interests, Single Future*

*people*

*knowers life-adapted*

*– college – university*

*kindergarten – school*

## References

**INTEGRATION OF SCIENCE AND LIFELONG EDUCATION AS A  
PROFESSIONAL COMPETENCE DEVELOPMENT FACTOR**

**Z. R. Kadyrova**

**F. R. Kadyrova**

**A. D. Sharipov**

*professional competence*





**INFLUENCE OF FAMILY ON THE DEVELOPMENT  
OF CHILDREN'S  
SOCIAL COMPETENCE**

**T. Kompirovic**



**CONCERNING THE DEVELOPMENT  
OF EDUCATIONAL STANDARDS  
IN THE SYSTEM OF LIFELONG EDUCATION**

**. Y. Lomakina  
L. . Perminova**

*basic literacy  
competence*

*functional literacy*

*social*



## References

**MODELING THE CONTINUOUS PROCESS OF  
BUILDING INFORMATION COMPETENCY**

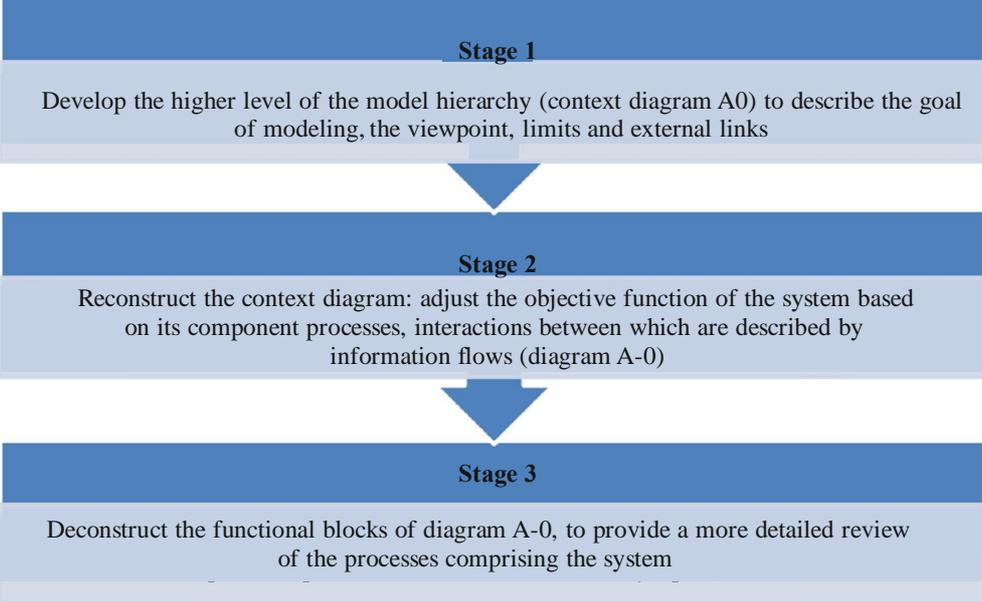
**E. V. Loskutova  
I. Y. Solskaya**

*Results of comprehensive evaluation of the level of information training*

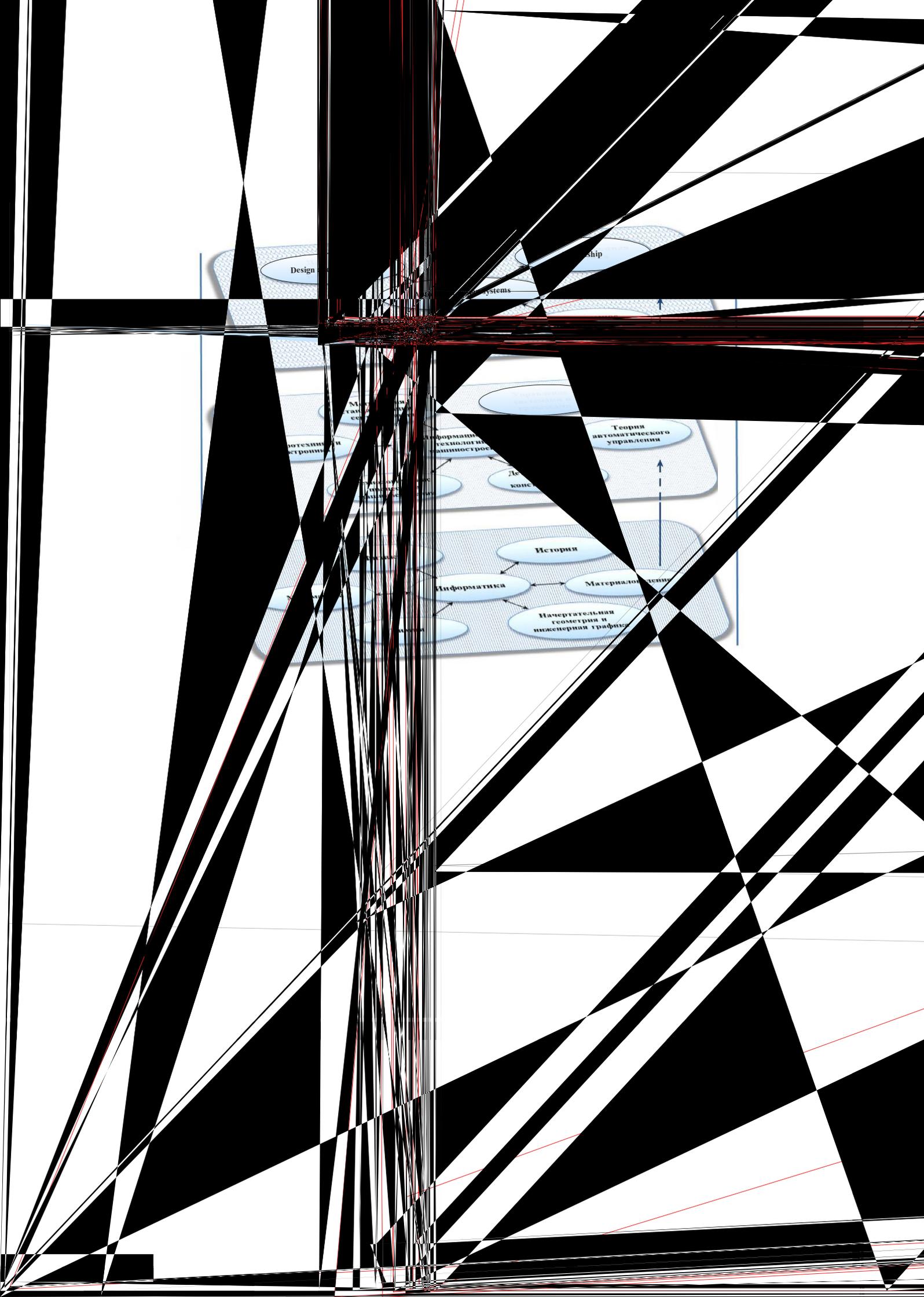
<i>Level of proficiency (cognitive component)</i>						
<i>Level of mastering (activity-related component )</i>						
<i>Level of project-related and motivational component (developing component)</i>						
<i>3.1 Implementation of individual and group practice-oriented projects</i>						

<i>3.2 Expert evaluation of information technology knowledge by supervisors of graduation qualification works</i>					
<i>.3 Self-evaluation according to a questionnaire-based survey</i>					

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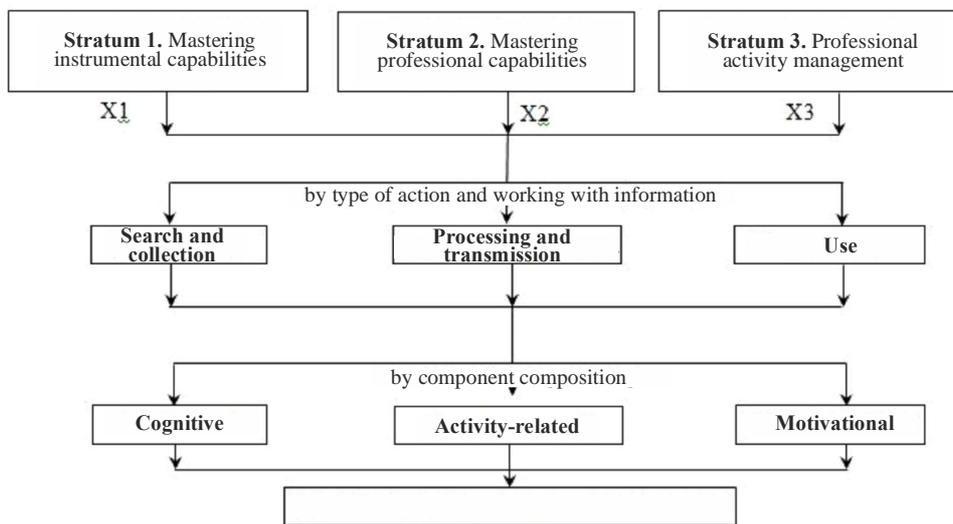


$$\begin{aligned}
 & X_i, 1 \leq i \leq n; \\
 & Y_i, 1 \leq i \leq n \quad X = X_1 \times \dots \times X_n \quad Y = Y_1 \times \dots \times Y_n \\
 & (X_i, Y_i) 1 \leq i \leq n, \\
 & \quad Y_i \quad X_i \quad i \\
 & \quad \quad \quad \quad \quad \quad \quad \quad V_i \\
 & W_i \quad \quad \quad \quad \quad \quad \quad \quad i
 \end{aligned}$$



X y=S( ):

- 1)  $y_3 = S_3(x_3, h_2(y_2))$
- 2)  $y_2 = S_2(x_2, c_3(y_3), h_1(y_1))$
- 3)  $y_1 = S_1(x_1, c_2(y_2))$



*Information competency components and evaluation measures*


**DEVELOPMENT OF A VALUE-BASED  
ATTITUDE TO THE MANAGER PROFESSION**

**V. . Lugovskiy  
. N. Kokh**



## References

**DIDACTIC COMPETENCE  
OF A TEACHER IN THE CAREER  
DEVELOPMENT SYSTEM**

**O. N. Machekhina**



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**LIFELONG EDUCATION  
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IN THE CONDITIONS OF COMPUTERIZATION  
OF SOCIETY**

**. . Makarova**

## References

**COMMUNICATIVE COMPETENCE  
IN THE DEVELOPMENT OF A TEACHER'S PERSONALITY**

**U. A. Masharipova**



**N. . Muslimov**  
**. B. Urazov**

## References

**COMPETENCES  
AND SOCIAL EMOTIONAL DEVELOPMENT**

**N. N. Naydyonova**

**Contents of general functional literacy.**

*first circle*

*second circle*

*third circle*

*fourth circle*

**Social emotional development.**

**Conclusion.**

**References**

**CAN MODERN EDUCATION  
DEVELOP STUDENTS' COMPETENCES AND ETHICS?**

**I. S. Nosova**





**DEVELOPMENT OF  
PROFESSIONAL COMPETENCE  
IN FUTURE TEACHERS**

**F. Nuratdinov**

*learning an academic course* *a goal-oriented focus in*

*systemic and substantive support of learning an academic subject*

*flexible organizational and methodological support of the learning process*

*activity-oriented focus in learning an academic course* *a constructive operational and*

*motivational and axiological focus in learning an academic discipline* *a*

*A goal-oriented focus in learning an academic course,*

*Systemic and substantive support of learning an academic subject:*

*Flexible organizational and methodological support of the learning process,*

## **References**

**THE CULTIVATION OF PROFESSIONAL  
COMPETENCE AMONG FUTURE EDUCATORS**

**Z. Otakhonova**

*special competence*

*social competence*

*self-competence*

*emergency professional competence –*



**THE ROLE OF CONSULTANTS  
IN THE CONSULTING PROCESS  
IN KAUNAS LAW FIRMS, LITHUANIA**

**D. Perkumien**

*Introduction.*

*The results of the empirical research.*

*LTD Verslo teisins centras*  
*LTD Kauno teisinis paslaugos centras*  
*and PI Teisinis paslaugos, audito ir ekspertizos centras*

*Conclusions.*

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**Stage Two**






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*media competence*

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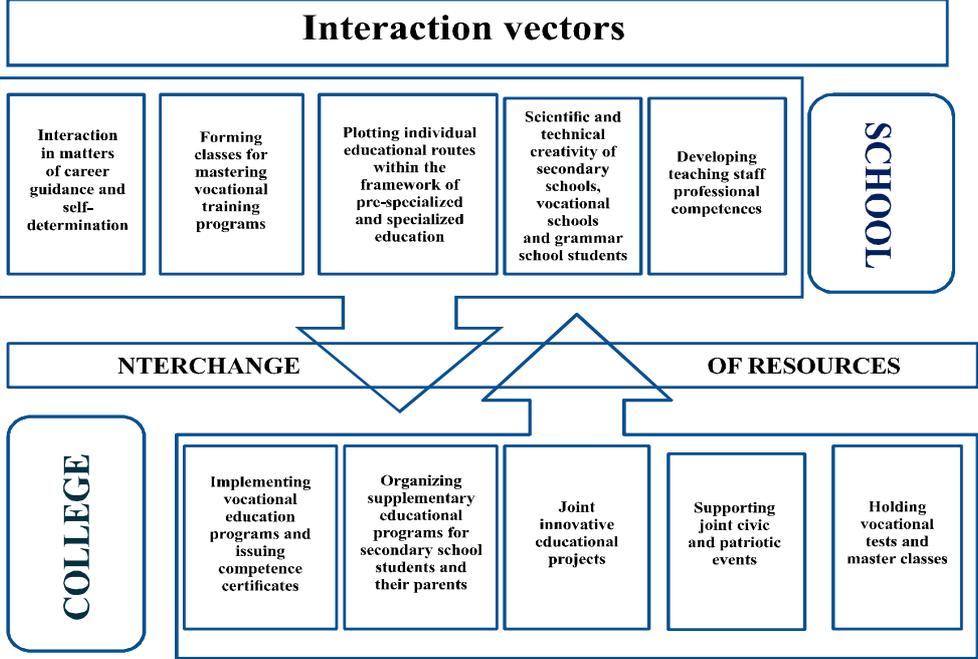
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IN PROFESSIONAL CONTINUING EDUCATION**

**Y. A. Chitayeva**

*Professional education*

*Continuing education*

*Continuing education*

*competens*

**Competency**

**Competency**

**Competency**

**competence**

*professional*

**Work**



**INCREASE IN THE HEALTH PRESERVATION COMPETENCE  
OF TEACHERS IN THE  
LIFELONG EDUCATION SYSTEM**

**D. D. Sharipova**

**. D. Sharipov**

**G. . Schakhmurova**





**NEW PARADIGM OF EDUCATION – CONTINUOUS EDUCATION.  
PROBLEMS OF METHODOLOGY  
AND METHODS OF CONTINUOUS EDUCATION**

**ON THE ROLE OF  
PROBLEM-BASED LEARNING  
AT SCHOOL**

**D. N. Abdullaeva**



**PROBLEMS OF PROFESSIONAL EDUCATION  
IN THE CONTEXT OF ITS CONTINUITY**

**M. I. Aldoshina**

*education throughout life*

*education for life*



**THE SOCIOCULTURAL GENERATION GAP AS A NEW CHALLENGE  
OF THE EDUCATION SYSTEM<sup>1</sup>**

**E. V. Astakhova**

*internal emigration*

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*education,*

*the price of instruction*

*the value of*

*social code*

*useful knowledge*

*values of education,*

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PARADIGM OF EDUCATION**

**N. . Verbitskaya**

*The first component is*

*The Second component is*

*third orientation component*

*The fourth component*

*The fifth component*

**PRINCIPLES AND GOALS  
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**A. A. Verbitskiy**

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*core*



*conditions for attaining the goals of continuous environmental education*

**BUILDING A LIFELONG EDUCATION SYSTEM  
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FOR THE HUMANITIES**

**S. V. Vladimirova  
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**V. V. Voronina**

**Learning principles.**



**THE RELEVANCE OF TEACHING SCIENCE  
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**LIFELONG EDUCATION AS A RESOURCE FOR  
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ON THE WAY TO A PERSON'S PROFESSIONAL  
DEVELOPMENT**

**I. V. Devyatovskaya**

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**O. I. Zufarova**





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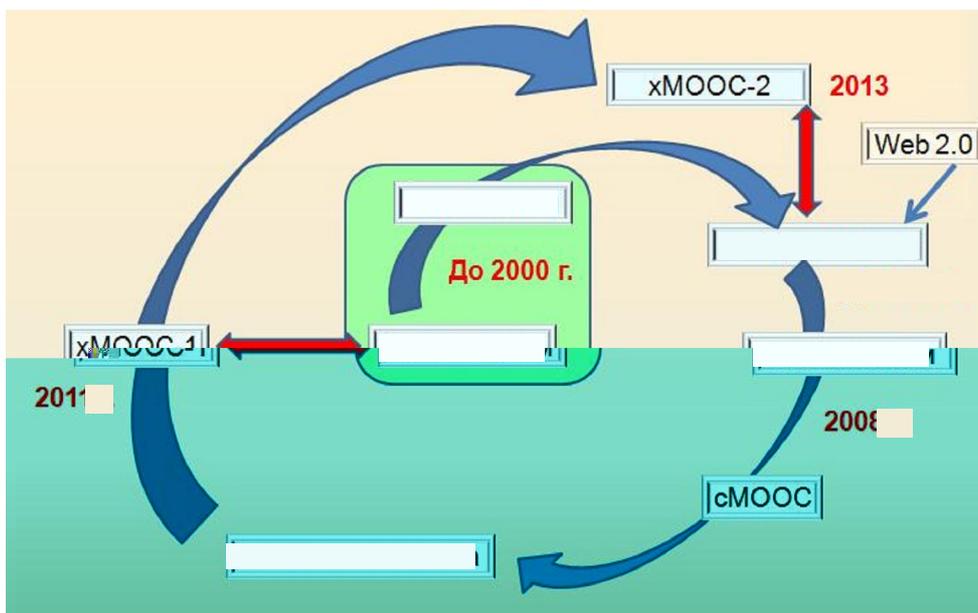
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*games of an open type*

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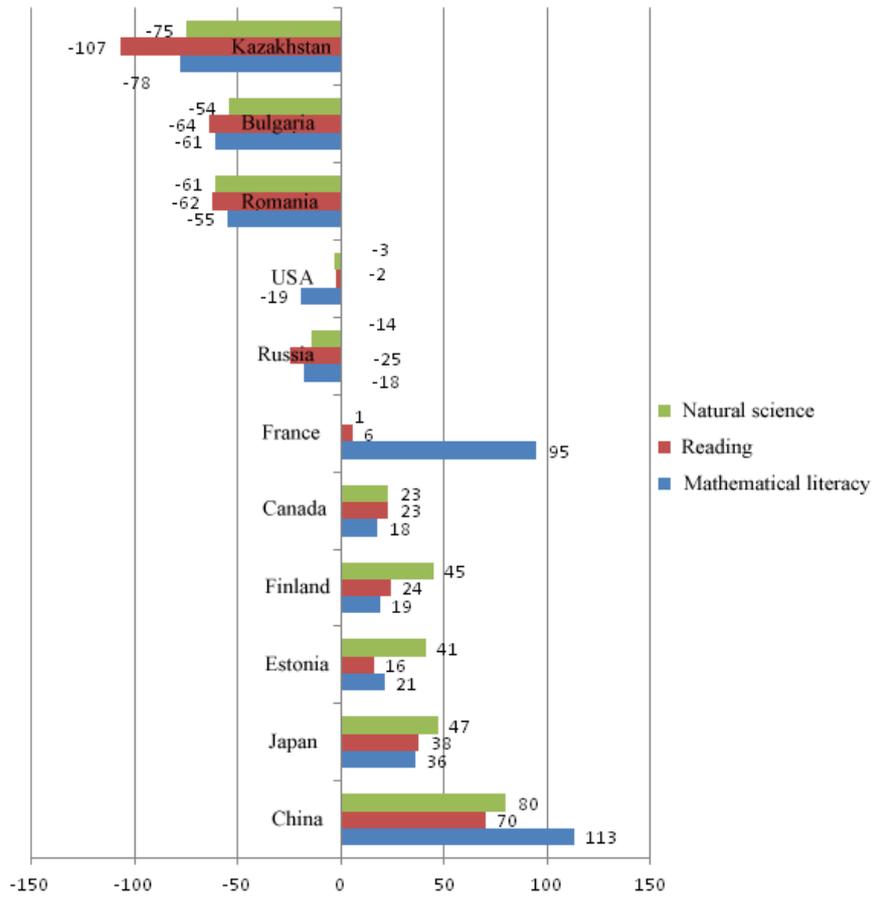
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*in*

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*nova*

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EDUCATORS AS EXEMPLIFIED BY ACCOUNTING**

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*challenges*

*response to these challenges*

*activities in*

*goal*

*strategic*

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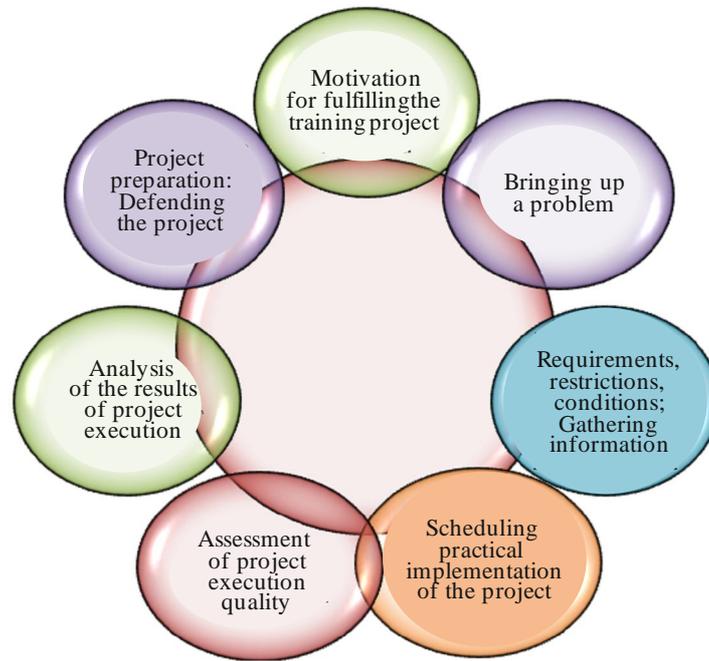
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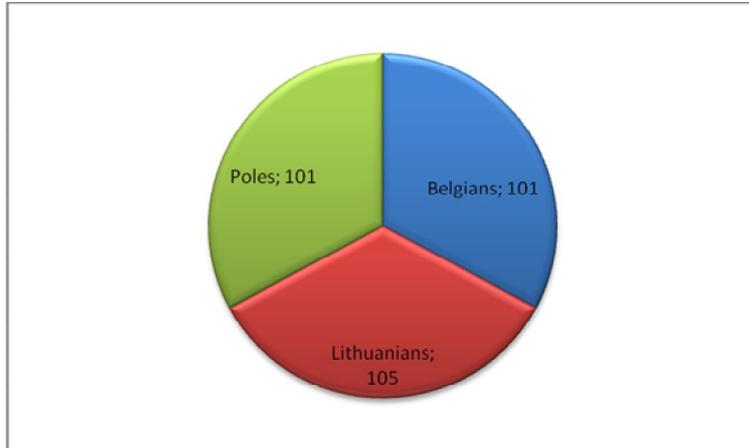
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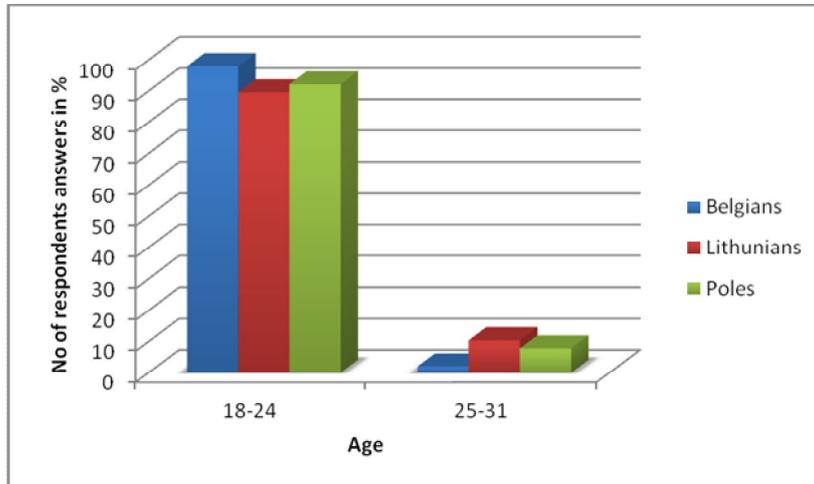
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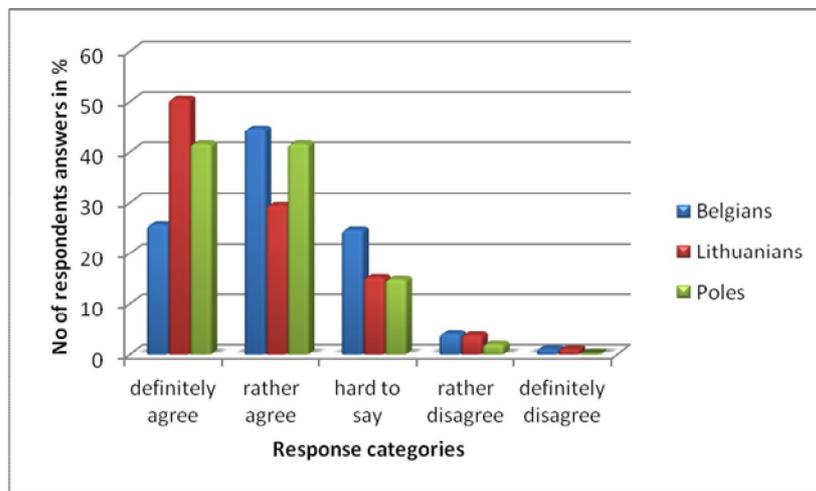
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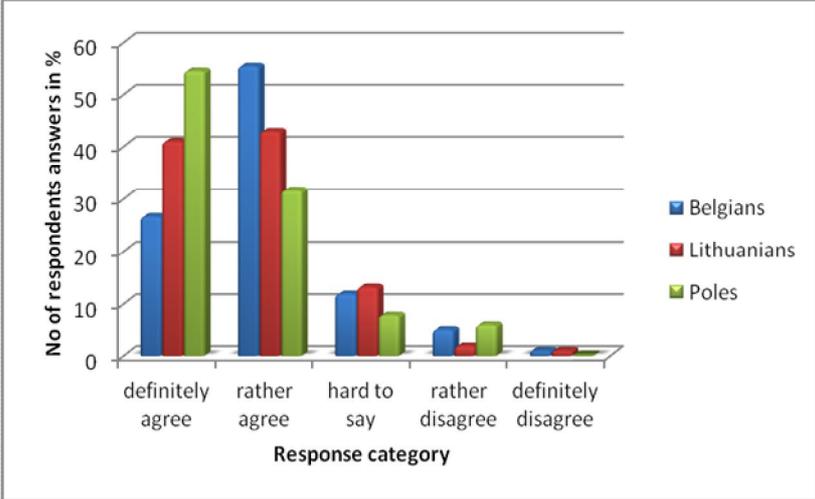


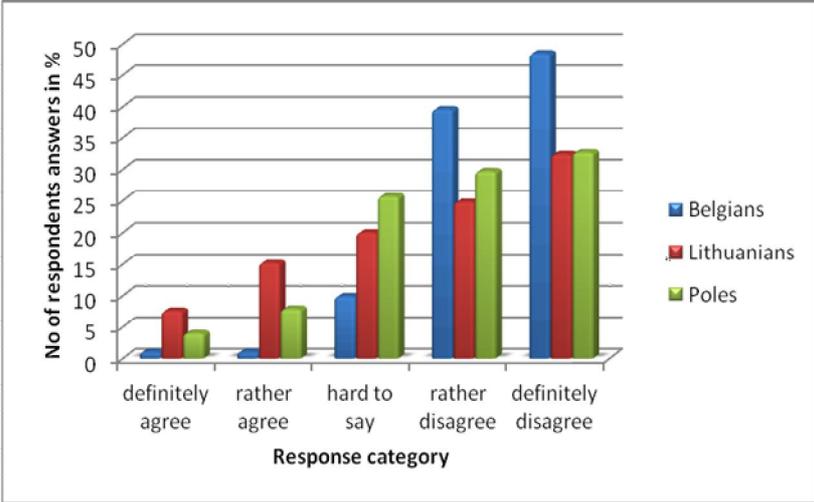
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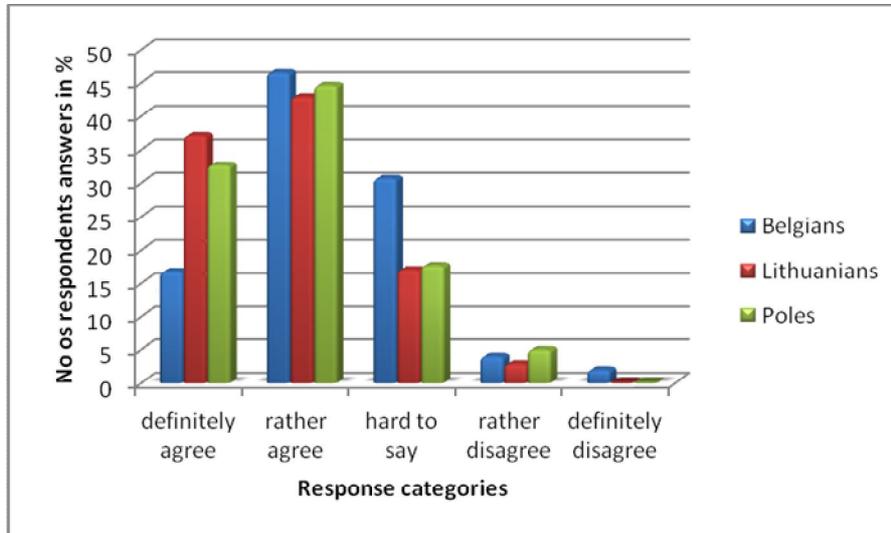
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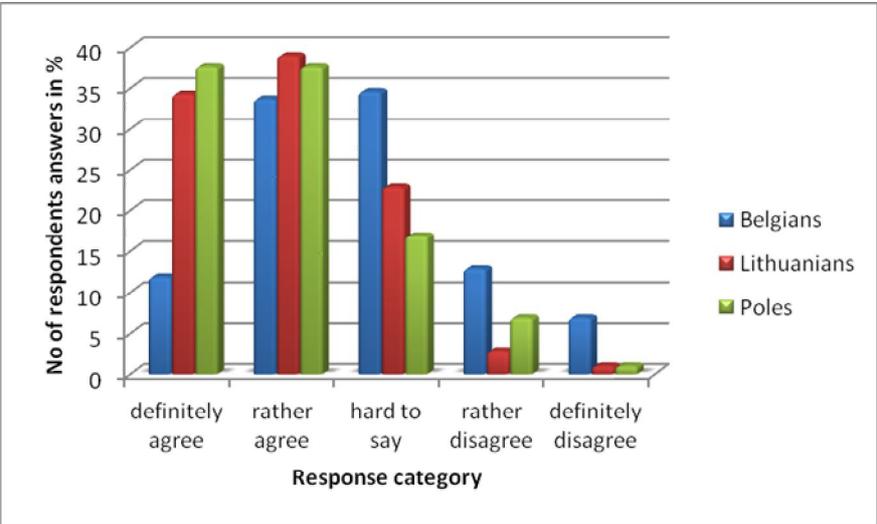
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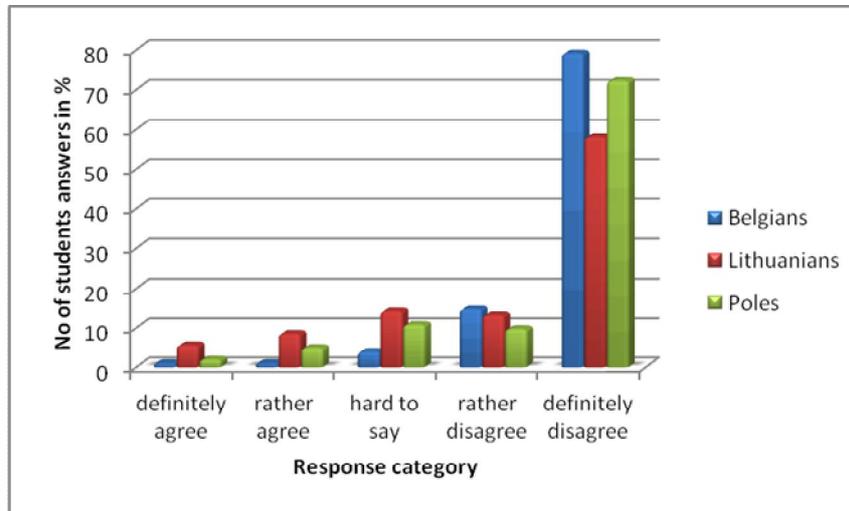












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*Typical roots and variance percent  
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*a) before VARIMAX rotation*

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**variance**

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*b) after VARIMAX rotation*

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*rotation factor matrix*

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	<b>0.813</b>		
	<b>0.711</b>		
		<b>0.798</b>	
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		<b>-0.441</b>	
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			<b>0.347</b>

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$P \in H \in H \in Q, x \in \mathbb{C} \in V$

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