



**LIFE
EXPERIENCE**
(knowledge,
attitudes,
skills)
-
for **LIFE**
(cognition,
consideration,
behaviour)

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SYSTEMOLOGY OF EDUCATION

Recommended sources of study materials

**University studies of modern education -
it is educational scientific research
of life and education**

**Educational scientific research
„Systems theory in Education”**

**Research - it is search for new life experience for life,
it is problem solving**

There are **scientific, artistic and pragmatic kinds of research
as well as fundamental, applied and **educational** research.**

Let us start with systemic study of information
what is already gained within our field of current interest!

Andris Broks <http://blogi.lu.lv/broks/>

[My materials in English](#)

Selected articles and reports **SYSTEMOLOGY OF SCIENTIFIC RESEARCH AND DEVELOPMENT**

Int.conf. in Siauliai, 2010 [A.Broks REPORT Siauliai conf.,29.04.10](#)

Debate in Gdansk, 2010 [A.Broks REPORT Gdansk 2.02.10](#)

IOSTE regional symposium in Siauliai, 2009 [A.Broks ARTICLE IOSTE symp.Siauliai,2009](#)

Int. conf. in Jelgava, 2009 [A.Broks REPORT Jelgava conf.,2009](#)

Int. conf. in Krakow, 2008 [A.Broks ARTICLE Krakow conf.,2008](#)

IOSTE regional symposium in Siauliai, 2007 [A.Broks ARTICLE IOSTE symp.Siauliai,2007](#)

IOSTE regional symposium in Tartu, 2006
[A.Broks,A.Voitkans ARTICLE IOSTE symp.Tartu,2006](#)

Int. conf. in S-Petersburg, 2005 [A.Broks ARTICLE S-Petersburg conf.,2005](#)

Article in Journal of Baltic Science Education, 2003
[A.Broks ARTICLE JBSE No2\(4\),2003](#)

Int. conf. in Vilnius, 2001 [A.Broks ARTICLE Vilnius conf.,2001](#)

Materials for my study course **SYSTEMOLOGY OF EDUCATION** **(anno 1997)**

PROLOGUE (invitation to study course – goal and objectives of the course)
[PROLOGUE](#)

INTRODUCTION (what does it mean “systems thinking”, “systems theory”, “systemology”, “education” and “systemology of education”?) [INTRODUCTION](#)

PART ONE (thinking Great Thoughts – about WORLD, HUMAN, SOCIETY, LIFE) < English version will be available soon >

PART TWO (fundamentals of systems theory) < English version will be available soon >

PART THREE (systems of education, analysis and synthesis of educational activities as well as of the content of modern education etc.) [PART 3](#)

CONCLUSION (evaluation of course study results) < English version will be available soon >

Other selected internet sources of study materials

Meadows D. **Dancing With Systems**. Whole Earth, winter 2001 and The Systems Thinker, Vol. 13, No. 2 (March 2002).

<http://www.ioia.net/images/pdf/dancingwithsystemsmeadows.pdf>

Holistic Education Network of Tasmania, Australia

www.hent.org

Systems Thinking

http://www.hent.org/world/rss/files/systems_think.htm

Ken Wilber **A Theory of Everything** <http://wilber.shambhala.com/>

Usage of Systems Thinking

<http://www.crossroad.to/Excerpts/community/system-theory.htm>

Learning for sustainability

Systems thinking

http://learningforsustainability.net/research/systems_thinking.php

D.K.Hitchins

Systems thinking

<http://www.hitchins.net/SysThink.html>

Center of Ecoliteracy

Systems thinking

[<http://www.ecoliteracy.org/nature-our-teacher/systems-thinking>]

Wikipedia

Systems (thinking, approach, science etc.)

http://en.wikipedia.org/wiki/Systems_thinking

Visual Communication - creation of schemas

Smart Draw (video clip about drawing thought structures)

<http://www.smartdraw.com/specials/sd/watch-video.htm?id=353004&gclid=CIWBiqz0wqoCFcsXzQodykFvHQ>

Mind maps

<http://www.mindmaps.com/>

Институт НеОКода : <http://newcode.ru/doku.php/>

Системное мышление

<http://newcode.ru/doku.php/system-thinking> [accessed 9.08.2011]

Gene Bellinger **Mental Model Musings**, 2004

<http://www.systems-thinking.org/> [accessed 7.08.2011]

The Principia Cybernetica Web

<http://pespmc1.vub.ac.be/cybsysth.html>

The Principia Cybernetica Web site includes a section on cybernetics & systems theory. As the Principia Cybernetica Project uses it, "systems theory" is the result of the investigation into general principles of systems. As such, systems science is closely related to, but not identical with, systems thinking and system dynamics.

Basic Concepts of the Systems Approach

<http://pespmc1.vub.ac.be/SYSAPPR.html> [accessed 8.08.2011]

Peter Senge **Systems thinking for managers**

SoL- the Society for Organizational Learning Cambridge, Massachusetts, USA <http://www.solonline.org/> [accessed 8.08.2011]

Sources in Russian

- Теория систем и системный анализ <http://tsisa.ru>
- Системный подход <http://www.humans.ru>
- Системный подход <http://www.humans.ru/humans/79128>
- Системное мышление. < [http://www.ou-link.ru/pub/2004_mp_5\(93\).htm](http://www.ou-link.ru/pub/2004_mp_5(93).htm) >