

System of Effects

Development of TRIZ analysis of a plenty of tasks allowed to increase information funds constantly. In due course these funds became specialized – on separate, especially important themes.

Very important information funds are funds of effects. In them the information in physics, chemistry, mathematics, and some other sciences is collected, but this information is organized unusually, not how it is done in traditional directories.

Funds of effects show how it is possible to use various scientific knowledge for elimination of contradictions in systems, for the solutions of the inventions tasks.

First such funds have started to be developed since 1969. Some groups of researchers of TRIZ were engaged in collecting and ordering of the information. Further tables for most productive use of various effects were constructed. Effects were examined and described in language of *laws of development of systems* and *vepol models*. The system of effects thus was generated.

In text of ARIZ-85V it is recommended to use the most developed and checked up part of system of effects – «**the Index of physical effects**» which sections were published in the Moscow magazine «**The Technic and the Science**» in 1981 and 1983, and also in the book «**Impudent formulas of creativity**» (publishing house «Karelia», Petrozavodsk, 1987).