

Education Tasks

As any exact science, TRIZ is difficult enough. For master the main thing – classics of TRIZ, it is necessary a minimum two years of regular jobs under the direction of the skilled teacher. It is necessary to read many books, articles, other additional materials. But the most important – needs to be solved, carefully to disassemble many educational tasks.

The minimal norm – one task by ARIZ-85V per one week (not including two-three weekly tasks and exercises on application of other instruments of TRIZ). Each this analysis should be checked up by the teacher, mistakes are eliminated, remarks are taken into discounted – in new record of the text of analysis of a task. Thus, for two years the base from hundred independently disassembled educational tasks should collect.

The structure of domestic tasks also necessarily includes copies of cards from constantly filled up personal card file (not less than three cards into one week), an estimation on a scale «Phantasy» of science-fiction products (a minimum of one per one week) and the table of the constant account of personal time.

Presence and the constant control, check of such tasks by the teacher – the certificate of quality for educational process. Accordingly, their absence speaks about opposite...

But it's – educational process only. The complete set of work in the TRIZ consists of three elements:

- Training and studying of TRIZ;
- Applications, uses of TRIZ;
- Researches in the TRIZ.

Such complex is characteristic for serious work in any science, but in the TRIZ insufficiency any of elements has especially clearly an effect for decrease of the general results.

Certainly, not for all tasks it is necessary TRIZ, there are many specialized problems which are solved other means. In such cases it is necessary to use these means and to not create at all visibility of application TRIZ. Especially – it is inadmissible «to mask as TRIZ» inventions solutions , but received without TRIZ, other means.

By the way, presence of such solutions – quite normal phenomenon for the creative worker in any area. Eventually, Thomas Edison has received more than thousand patents for excellent solutions – and in one of them did not use TRIZ. Was not in its time of such science...

Unfortunately, even by qualitative educational preparation the good form in TRIZ can be lost for one year – one and a half if not to carry out the most necessary «creative training». Elements such training the same, as at qualitative study: regular updating of a personal card file; reading (and an estimation) science fiction; the constant account of personal time. But the most important – careful analysis educational, and then and practical tasks in steps ARIZ-85V.

