

Education Plan

Criteria of quality educational preparations are formulated by G.S.Altshuller (for example, in the book «To find idea», p. 176):

1 level. General time of occupations – till 40. Written works are not present. The purpose of training – acquaintance with principles of the theory, attraction to the further study. For occupations it is necessary 60-70 pages of teaching materials on each student.

2 level. General time of occupations – 60-80 (half-year at occupations once a week or a fortnight seminar with a separation from work). Written works – domestic tasks. The purpose of training – profound acquaintance with principles; partial development of working instruments of TRIZ. Materials – 120 pages.

3 level. General time of occupations – 120-140 (year at occupations once a week or a monthly seminar with a separation from work). Written works – domestic tasks, examination. The purpose of training – development of basic working instruments of TRIZ and the solution with their help of one industrial task (with the subsequent registration of the patent application); development of some skills of creative thinking. Materials – up to 200 pages.

4 level. General time of occupations – 220-280 (two years of occupations once a week or two monthly seminars with a separation from work). Written works – domestic tasks, control and course works, final work upon termination of a rate, degree work upon termination of the second rate. The purpose of training – development modern TRIZ and the solution of several industrial tasks (with registration of applications for patents); development of skills of creative thinking; preparation of teachers and developers of TRIZ. Materials – 400 and more pages.

Quality of practical application of TRIZ is easily checked on control to questions of ARIZ (the step 7.2).

Criteria of quality of research work in the TRIZ are formulated by G.S.Altshullerom. These are six control questions:

1. Whether the methodology offered in is based the book on any information fund? If there is no information fund to speak there is nothing.

2. If on patent fund, whether that levels of the solution are revealed?

3. Whether «instrumented» given recommendations? What for all this? How it to use?

4. Whether recommendations practically are checked up? Whether such check is possible? Such recommendations are sometimes given to check up which efficiency is impossible. Such recommendations are senseless.

5. Whether there correspond conclusions and the recommendations given in the book to what has already settled?

We admit, that the person on good patent fund proves, that there is no law of increase of ideality, and there is any other law. There should be a conformity with already known. Infringements are extremely interesting. It or the indication on existence of something new, or the indication on hack-work.

6. Typical attributes of the bad publication: quasi-science, «out-mind», abundance of a unnecessary terminology, super-mathemating (any formule are resulted, it is not known for what in which not integrate, will not receive) for demonstration of learning of the author. Superfluous citing «classics», at the slightest pretext (in one clever book are not quoted in succession classics). Bulky proofs of positions not requiring for the proof.