

A Note on Movement and Contradiction in Technology and Institution

TAKAHARA Toshio ()

Abstract

I learned a lesson from historical example of process of beginning of barter which traditional concept of movement or contradiction by K. Marx did not deal with.

G.S. Altshuller expanded the concept of contradiction of “Physical Contradiction” and “Technical Contradiction” to deal with almost every movement or action.

As a result my work is only to generalize the concept of contradiction by G.S. Altshuller to deal with every movement or action.

Technology is an assemblage of technical means and its process of generation and movements. In the same way something is an assemblage of essence of something and its process of generation and movements of the essence according to one of the conclusion of Radical Thinking for Enumeration which manage granularity and enumeration of objects.

The essence is two terms and their relation. So contradiction is process of generation and movements of two terms and their relation

Two terms is two attributes of two objects, two attributes of one object or two values of one object. Two terms are used to be called opposites. So two terms appears to be two attributes of two objects, two attributes of one object or two values of one attribute of one object.

Under these premises one of the numbers of two is target and the other is the present or the two attributes or two values are going together.

The former is the case of resolving differences having one variable and the latter is the case of going together having two variables.

Resolving differences having one variable of attribute or value is usual change of object in real movement. Resolving differences or usual change of object consists of usual making new function, solving issues and idealization.

Going together having two variables consists of the case of two attributes and two values.

The case of two attributes is “Technical Contraction” in TRIZ having the case of two attributes of two objects or two attributes of one object. The case of two values is “Physical Contradiction” in TRIZ having the case of two values of one object.

This contradiction happens to be expansion of usual contradiction which includes autonomous contradiction by Marx and Engels and “Technical Contraction” and “Physical Contradiction” in TRIZ by G. S. Altshuller. Both Radical Thinking for Enumeration and contradiction which is the unit of dialectical logic will be the base of the method of technology and institution and also the base of the way of life.