

# Discovering the problem of the WOS effect

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## Abstract

The paper investigates the shortcomings of the class of systems related to the class of "Well-organized systems". (WOS) They are disclosed in the process of designing the means to restore the system's operability in new conditions. Such means cause the necessity in protecting the structure of the organization, from large-scale circumstances. Their revealing is based on revealing of the states which cause loss of sustainability.

*Keywords:* dynamics, compliance, condition, instability, measures, exit

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## 1 Introduction

The approach of dynamic monitoring of influence factors and symptoms compliance is considered. Dynamic compliance monitoring, performed in the type of "repeated exercise", helps to develop the skill to remain vigilant. This results in the identification of mismatches detected early in the exercise, warning the organization about the possibility of getting into an unstable condition.

The selected moments have shown that if the operation of temporary localization of the place of violation of the organization's functioning is not taken onto account, there is a contradiction connected with the measures of recovery of the organization from the unstable state [1]. Usually, the causes of violations are declared on the basis of the results of the investigation by means of exit.

## 2 Main part

The revealed contradiction has allowed to express a problem of research in one formulation: "It is impossible to establish reliability of the event which characterizes loss of sustainable functioning, in the absence of means of dynamic coordination of factors of the external influence, synchronizing in time with symptoms of internal return influence».

Presence of a problem to allocate searched object which is reduced to the isolated complex, allows to describe restoration of working capacity of system in case of occurrence of the

deviations caused by damage caused to the organisation.

As a result, the hidden side of the research subject is revealed. It is a organisations' structure protection subsystem, which operates in new conditions [2].

Thus, the objective of the study is to develop a procedure to ensure synchronization over time of exposure factors and symptoms of influence.

The formulated objective made it possible to set the following tasks:

- 1) To carry out the current analysis of violations of the organisation's presence in an unstable state
- 2) Implement the choice of sustainability option in a short term.
- 3) Ensure implementation of the medium-term scenario in the strategic space.
- 4) Develop guidance for action in the long term perspective.

## 3 Results and perspective

The solving of these tasks will require the development of a subsystem to restore lost resilience. The basis of such subsystem will consist of algorithms, which development will allow to find control system output actions from inoperable state [3]. As a result at the disposal of the organization there will be means, allowing to open the system and bring it to the level of response to new large-scale situations.

## References

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