

# Features of a Particular Initiative and Scientific Research Project

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## Abstract

This study draws upon the results of a comprehensive analysis carried out at ISMA of a proactive research project “Supporting Control Algorithms” over the period 2013-2020. The project involved 159 developers who participated in 19 ISMA conferences and presented 332 papers in specially organized sections. The key results of the research were presented within those sections.

*Keywords:* initiative, tools, stability, loss, causes, neutralization, effectiveness

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## 1 Introduction

The need for this project is not only driven by the progressive times but also by the desire of entrepreneurs and managers alike to have objective tools to recognize loss of stability in organizations within their early stages of development. This is confirmed by the large number of participants who have taken an active part in the project and maintained their interest over the last 5 years. Among the total number of developers, 43% repeatedly presented and contributed results of their research to this project.

## 2 Main part

Focusing on the topic of supplementation as opposed to that of support allows for systemic thinking by exercising the skill of picking up subtle signals occurring in the external environment [1]. As a result, 2.5% of the participants have taken part in more than ten reports [2]. The important aspect that highlights the current times is the practical value of the

## References

[1] Dyakon O., Dyakon R., Kopitov R. Comprehension of Management Problems Forms Understanding of Business Tasks. *The 12<sup>th</sup> INTERNATIONAL CONFERENCE INFORMATION TECHNOLOGIES AND MANAGEMENT 2014, April 16-17, 2014*, Information Systems Management Institute, Riga, Latvia, 186-187

results made in the algorithmic management process, which can be summed up as: ‘Isolation of key elements of the system undermines the effectiveness of its rectification’. Such contradiction reflects the inefficiency problem of modern management systems, condensed into twelve words: “It is impossible to improve the system without management algorithms that have been proved functional in the real environment”. The insight from the project has proven that students can be productive participants of the project as well. There are several publications, which have been published by students throughout 2018-2019 regarding the creation of NIC “Search”.

## 3 Results and perspective

The practical value of the study lies in the fundamental approach of identifying the causes of disruption in the company’s operating sector, in the case of introduction of new projects at all stages of business operations.

[2] Djakons Romans, Kopitov Rostislav One scientific study’s educational assets conducted at ISMA. *19th International Conference Open Learning and Distance Education 2021, January 27-28, 2020*, ISMA University, Riga, Latvia