

National Research University Higher School of Economics

*as a manuscript*

FULL NAME OF APPLICANT

(Ivan Ivanov)

TITLE OF DISSERTATION

**(DEVELOPMENT OF SPECIAL MATHEMATICAL AND  
ALGORITHMIC SUPPORT FOR THE SYSTEM)**

PhD Dissertation Summary

for the purpose of obtaining academic degree  
Doctor of Philosophy in Physics

Moscow – 2021

The PhD dissertation was prepared at **National Research University Higher School of Economics**

Academic Supervisor: (full name, academic degree, place of work, position)

## **DISSERTATION TOPIC**

(provide details on the relevance of the given topic, goals and objectives of your research)

## **KEY RESULTS**

(describe the results obtained, their scientific novelty, as well as the methods and approaches used)

**Key aspects/ideas to be defended:**

- 1.
- 2.

**Your personal contribution to the aspects/ideas to be defended**

## **PUBLICATIONS AND APPROBATION OF RESEARCH**

**First-tier publications<sup>1</sup>**

**Second-tier publications<sup>2</sup>**

**Other publications (optional)**

**Reports at conferences and seminars (optional)**

## **CONTENTS**

(please provide an overview of all chapters)

## **CONCLUSIONS**

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<sup>1</sup> First-tier publications include papers indexed in the Web of Science (Q1 or Q2) or Scopus (Q1 or Q2) databases, as well as peer-reviewed collections of conferences that appear in CORE rankings (ranks A and A\*).

<sup>2</sup> Second-tier publications are papers published in journals included on HSE's list of high quality journals or indexed in the Web of Science (Q3 or Q4) or Scopus (Q3 or Q4) databases, as well as peer-reviewed collections of conferences appearing in CORE rankings (rank B).