The subject of the report:

"The experimental model for schedules` quality performance management in real time"

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PhD (Dr.of tech. sci.), professor

Control Object

Optimized Schedule
Complex
Prevention Schedule
Operational Control
Schedule

Operational Control
Quality Curves
Control Subject
Functioning Reliability

Control Subject

Required Reliability of Interaction of Subject Control

Operational Control Quality Curves

Control Subject Functioning Reliability

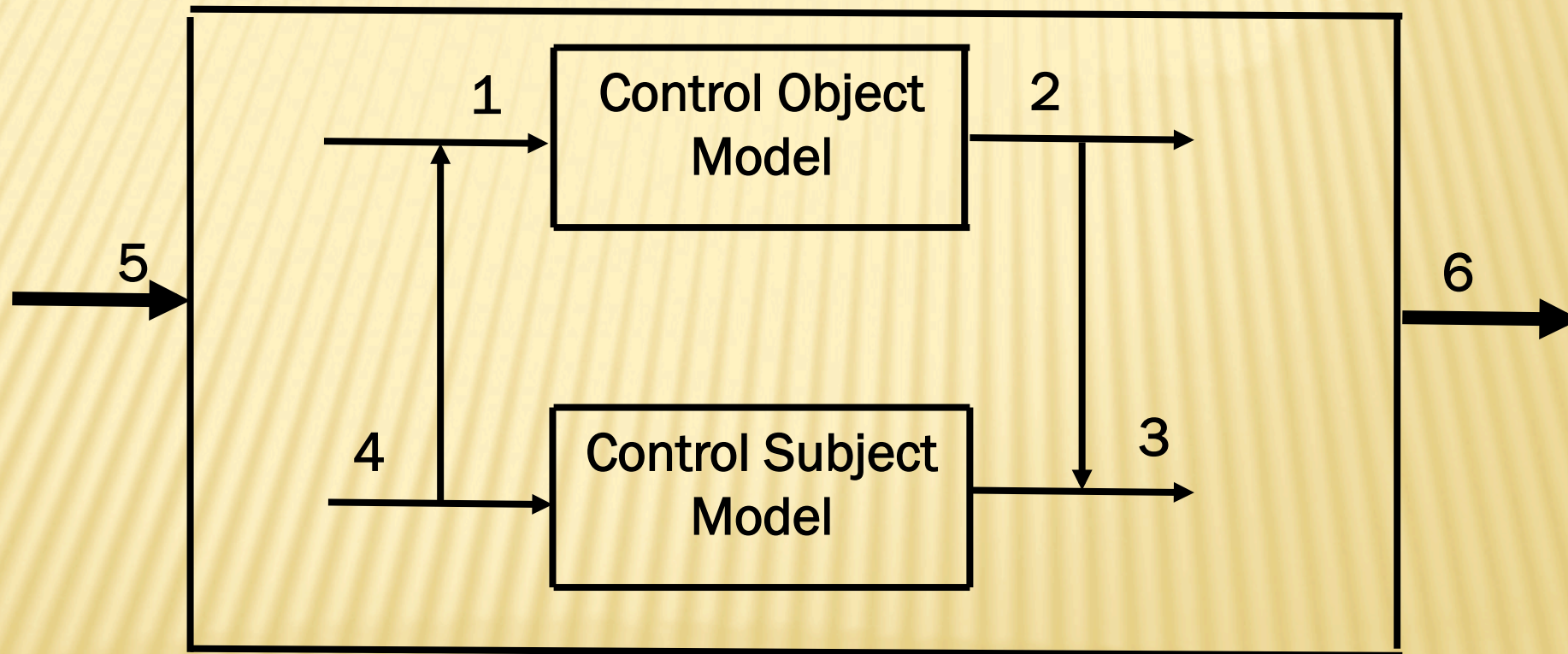# Quality Control System for Schedule Performance

Required Reliability of Interaction of Object and Subject of Control

Reliability of Interaction of Object and Subject of Control

Losses through Interaction Reliability Decrease
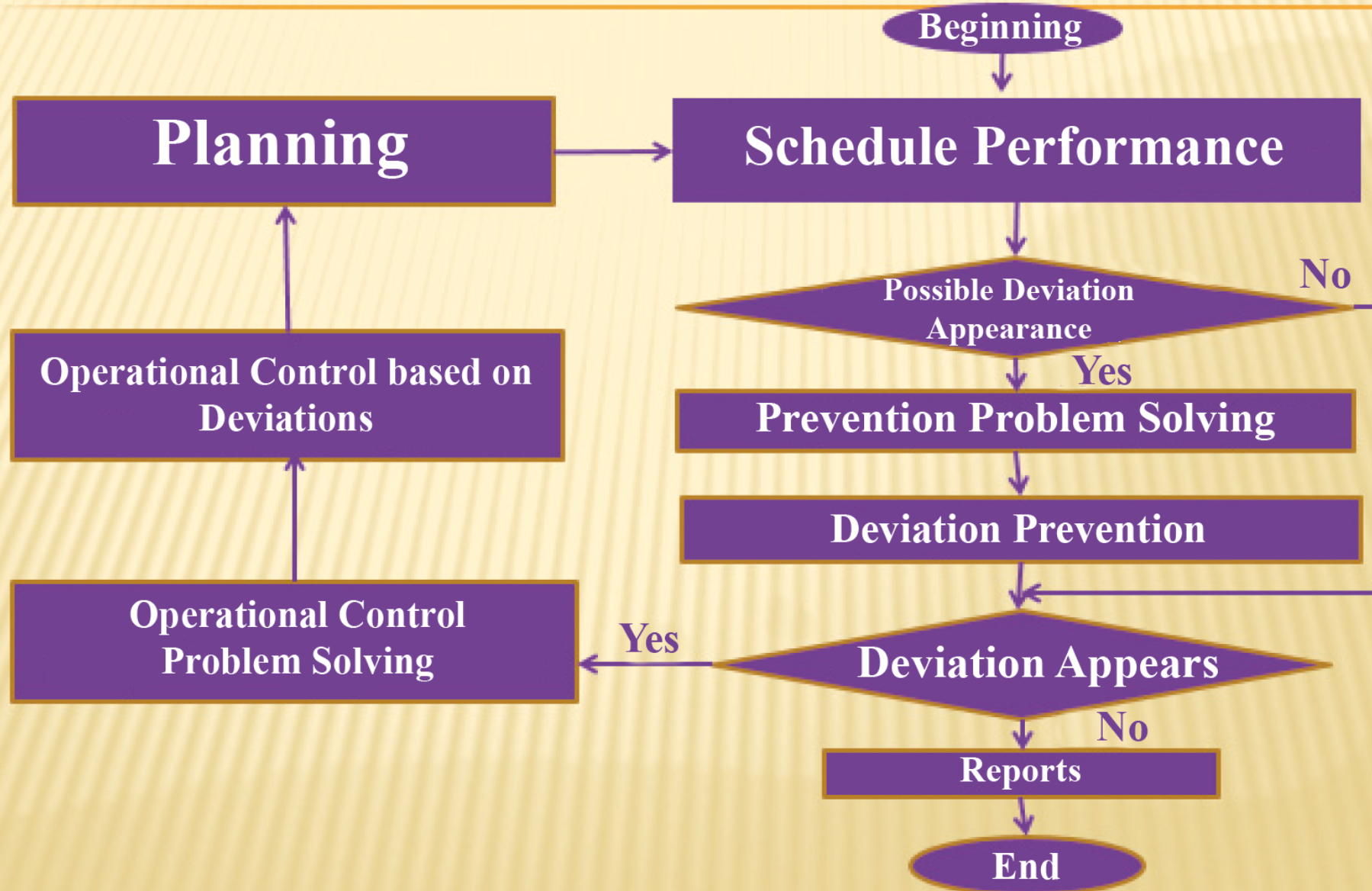
Model of management system

The monitoring for the evaluations, connected with the process of imitating losses

The cause	The effect
$\Delta\ T^{\text{св}}$	$\Delta\ Э$
$\Delta\ q^{\text{сохр}}_{\text{кол}}$	$\Delta\ Э$
$\Delta\ q^{\text{сохр}}_{\text{кач}}$	$\Delta\ Э$
$\Delta\ T^{\text{св}}_{\text{оу}}$	$\Delta\ Э$
$\Delta\ T^{\text{св}}_{\text{полн}}$	$\Delta\ Э$

The problem – the absence of the relationship between the cause and the effect "reason-quality" one

The cause	The effect
$\Delta\ T^{св}$	$\Delta\ W$
$\Delta\ q^{сохр}_{кол}$	$\Delta\ W$
$\Delta\ q^{сохр}_{кач}$	$\Delta\ W$
$\Delta\ T^{св}_{оу}$	$\Delta\ W$
$\Delta\ T^{св}_{полн}$	$\Delta\ W$

Schedule Performance Quality Control

The conditions of the highest productivity of vehicles

$Q^{сохр\ факт} = Q^{сохр\ план}$ — the freight or goods safety

$W^{факт} = W^{план}$ — transport work

$T^{св} = \{T_{н}^{св} \div T_{в}^{св}\}$ — the timeliness of implementation of the schedule

$Q^{сохр\ план} = \{Q^{сохр}_{н} \div Q^{сохр}_{в}\}$ — the safety of transportation

$T^{св}_{оу} = \{T_{н}^{св}{}_{оу} \div T_{н}^{св}{}_{оу}\}$ — the timeliness of operative management

$T^{полн}_{оу} = \{T_{н}^{полн}{}_{оу} \div T_{н}^{полн}{}_{оу}\}$ — the completeness of operational management

Informational Interaction Scheme of Training Participants

Professor

Logistics Manager

Students: Vocational, BSc, MSc, PhD

Global Monitoring + Quality Control Model

Agricultural Complex as Control Object

Level of Education	Courses
MSc programme	• Informational Systems for Automobile Cargo Processes • Fundamentals of Operational Control Technology Development
BSc programme	Optimization of Processes and Solutions
Navigation Provision	

Thanks for your time (attention)