

013381-1—
2016

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**(ISO 13381-1:2015,
Condition monitoring and diagnostics of machines — Prognostics — Part 1: General
guidelines, IDT)**



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4 13381-1:2015 «
 1. » (ISO 13381-1:2015
 «Condition monitoring and diagnostics of machines — Prognostics — Part 1: General guidelines», IDT).
 1.5—2012 (3.5). -
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Condition monitoring and diagnostics of machines Machine condition prognosis. Part 1, General guidelines

— 2017—12—01

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- ISO 2041 Mechanical vibration, shock and condition monitoring — Vocabulary (, -
- ISO 13372 Condition monitoring and diagnostics of machines — Vocabulary ()
- ISO 13379-1 Condition monitoring and diagnostics of machines — Data interpretation and diagnostics techniques — Part 1: General guidelines ()
- ISO 17359 Condition monitoring and diagnostics of machines — General guidelines (KoHTponbCOCTon-)

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- 8 013372 2041. -
- 3.1 (prognosis):
- (0 13372:2012. 10.2]
- 3.2 (prognostics):
- [0 13372:2012. 1.15]

3.3 (confidence level): -

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3.4 () (root cause): , ,

[0 13372:2012. 8.9]

3.5 (FMEA) [failure modes effects analysis (FMEA)]: -

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2 — FMEA [3].

[0 13372:2012. 8.2]

3.6 (FMECA) [failure modes effects criticality analysis (FMECA)]: FMEA no

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2 — FMECA [11].

[0 13372:2012. 8.3]

3.7 (FMSA) (failure modes symptoms analysis (FMSA)):

FMECA

— FMSA 13379-1.

3.8 (estimated time to failure (ETTF)): -

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3.9 (remaining useful life (RUL)):

3.10 (predictive horizon): -

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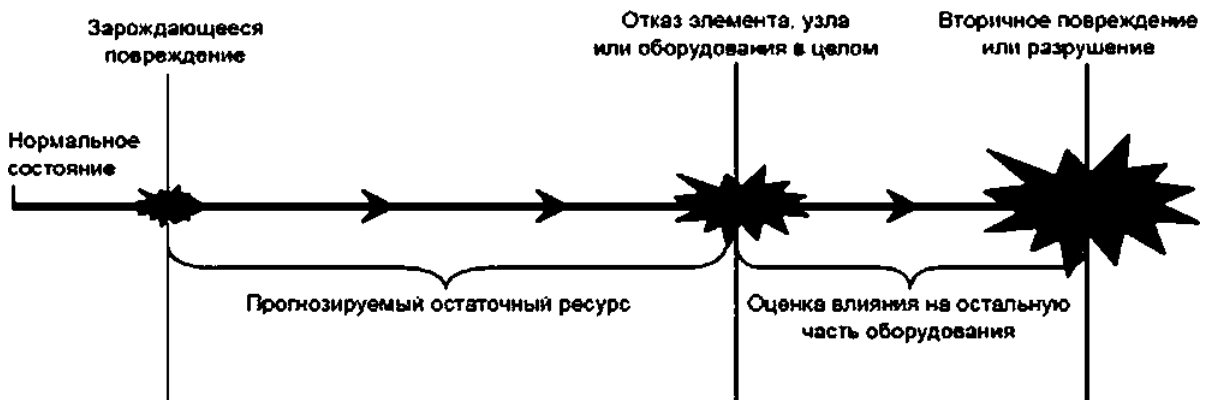
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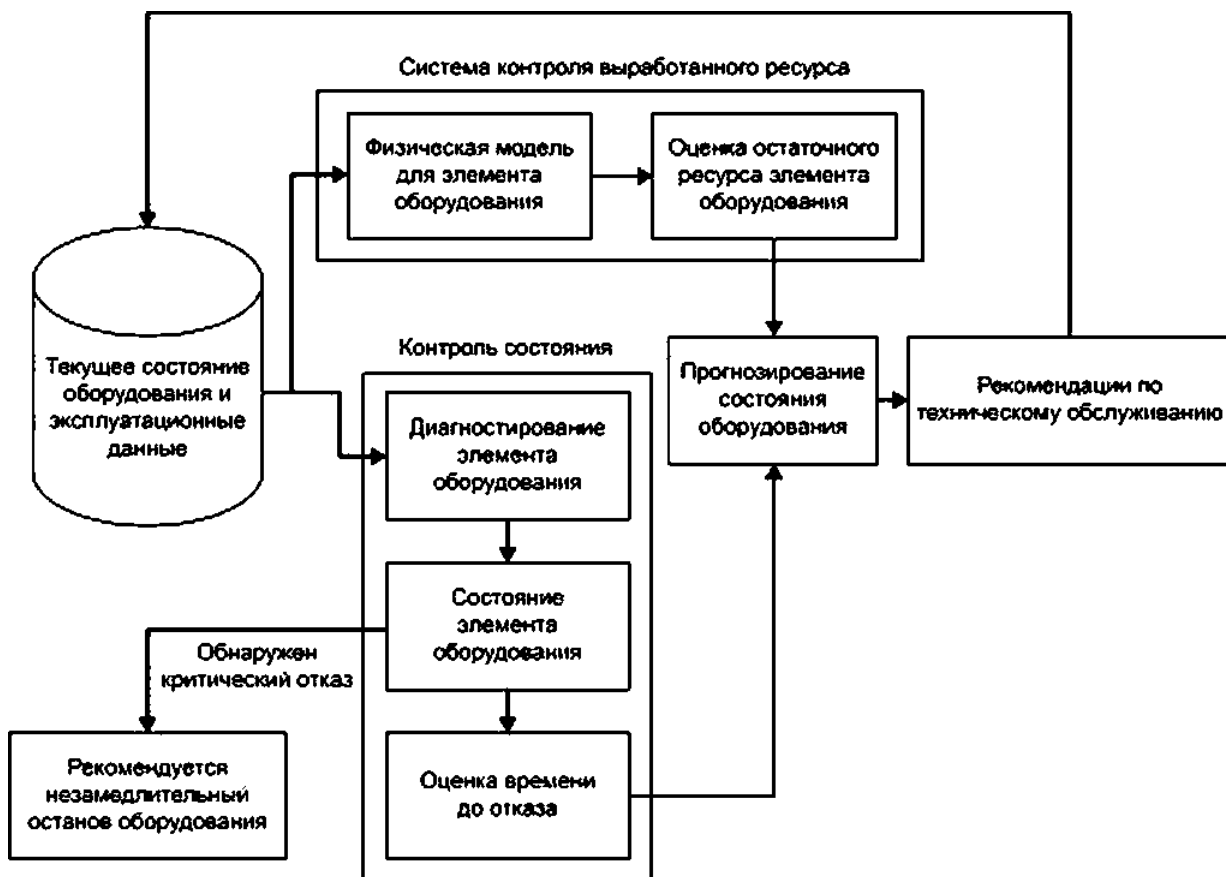
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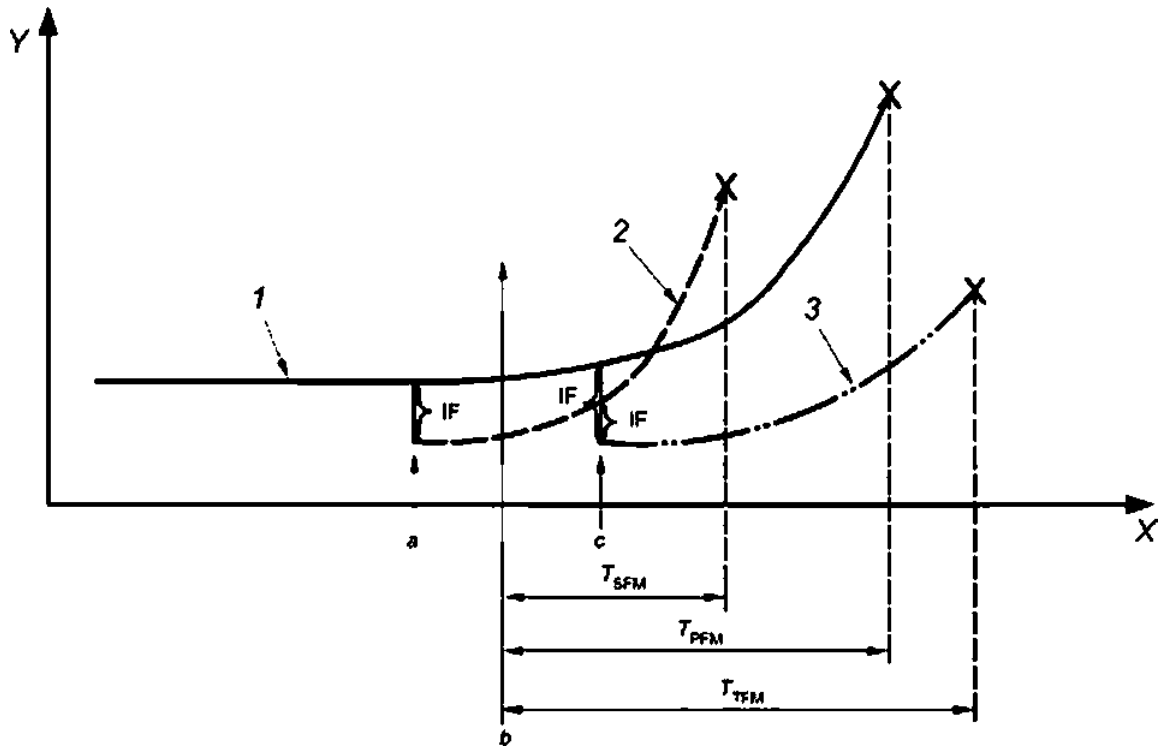
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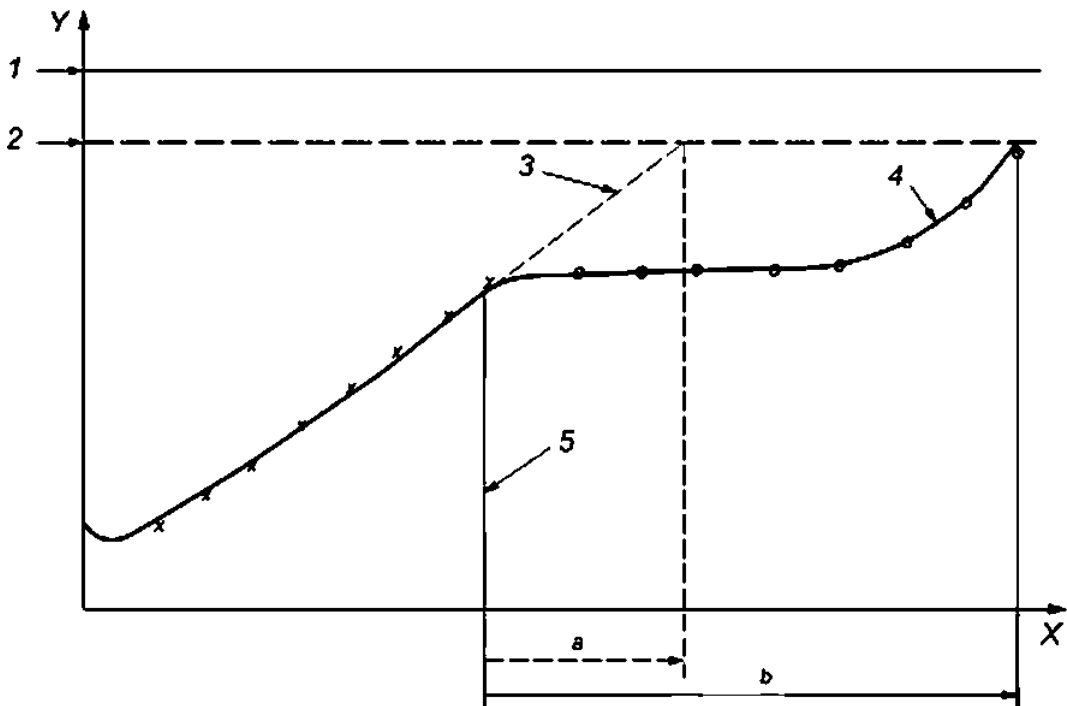


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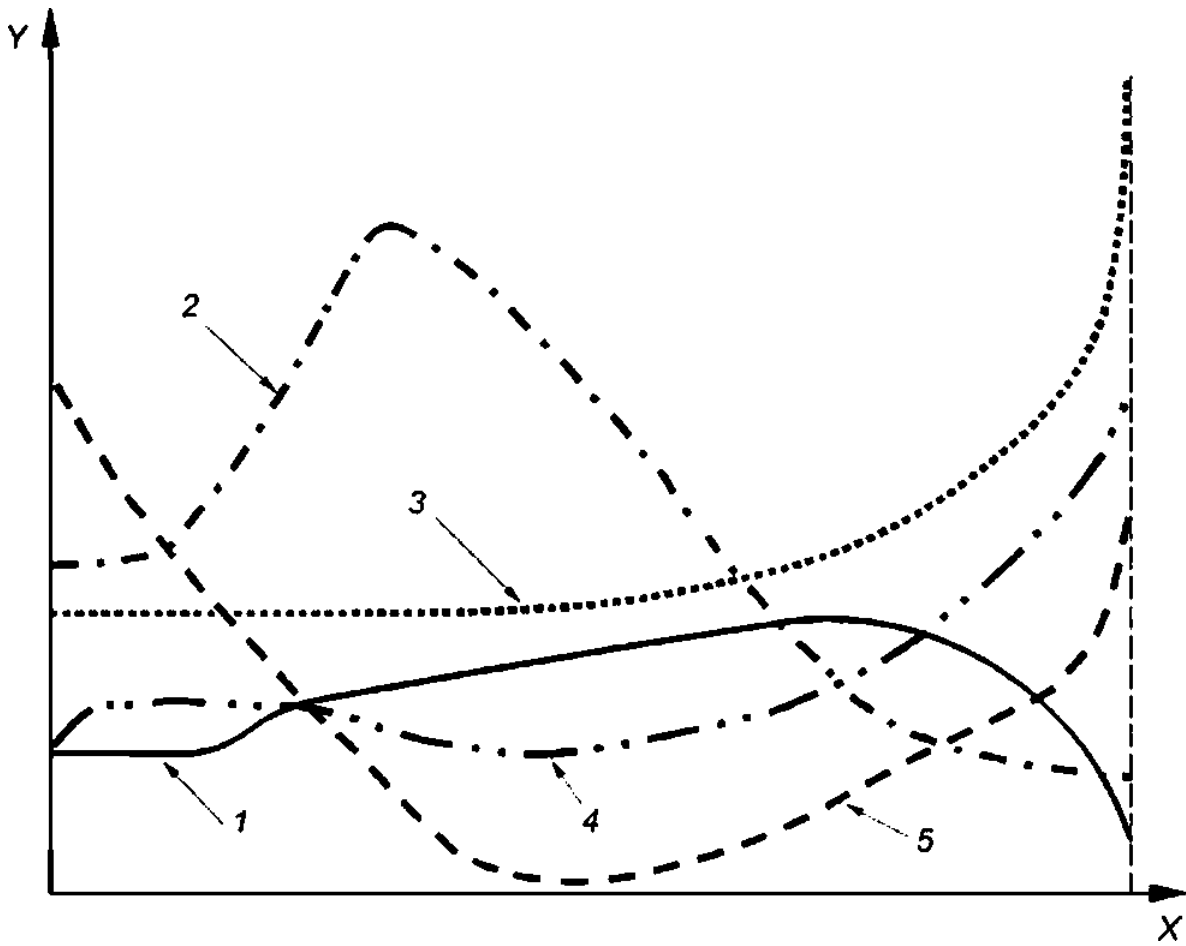
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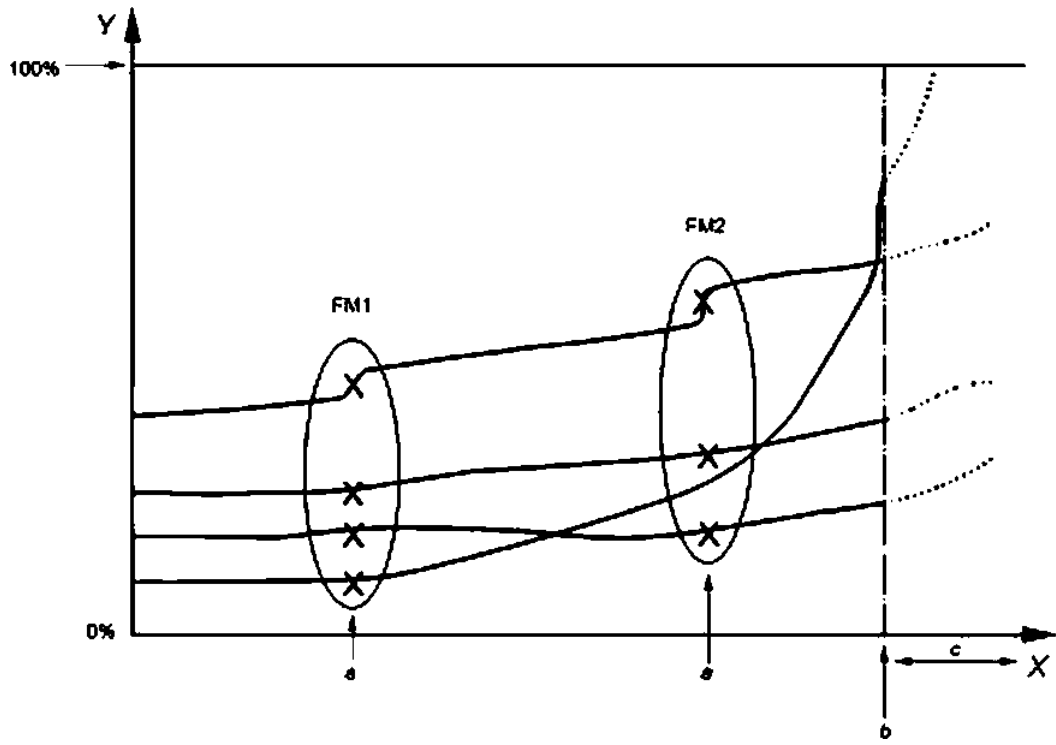
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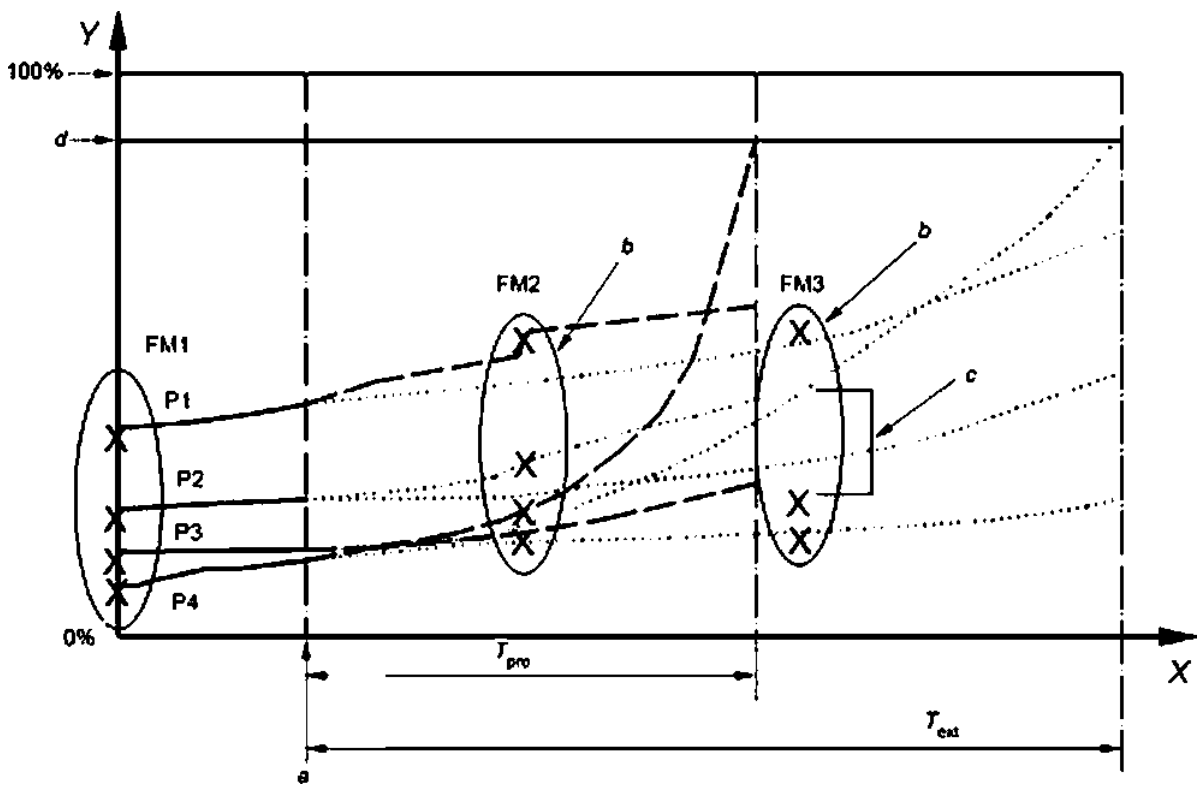


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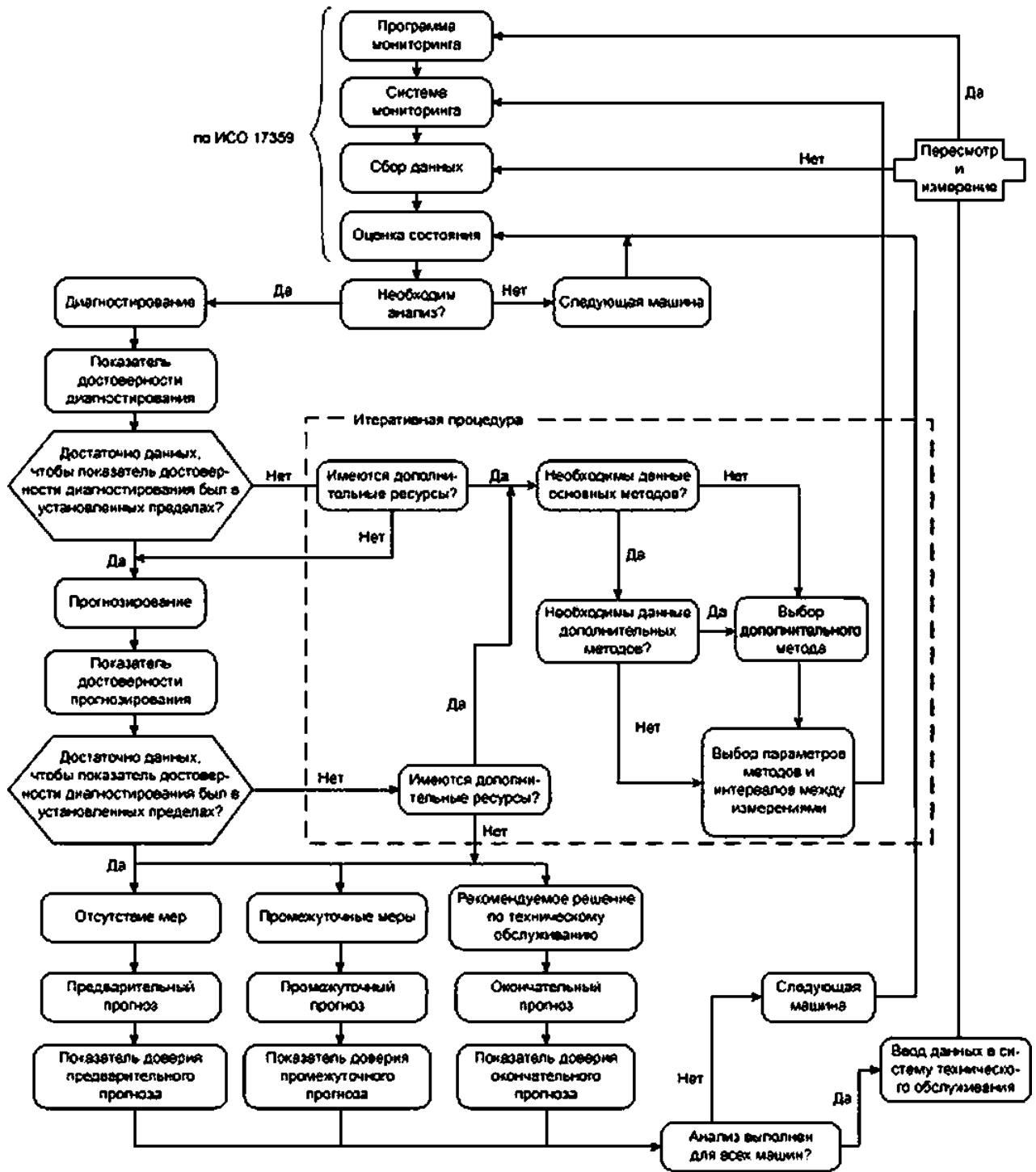
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ISO 13379-1		13379-1—2015 « 1. *	- -
ISO 17359		17359—2015 « *	-
<p>• — :</p>			

- [1] ISO 13373-1:2002. Condition monitoring and diagnostics of machines — Vibration condition monitoring— Part 1: General procedures
- [2] ISO 13374-1:2003, Condition monitoring and diagnostics of machines — Data processing, communication and presentation — Part 1: General guidelines
- [3] ISO 18129. Condition monitoring and diagnostics of machines — Approaches for performance diagnosis
- [4] IEC 60812 Ed. 2.0 b:2006. Analysis techniques for system reliability — Procedure for failure mode and effects analysis (FMEA)

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