

# Второй закон Ньютона

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for ensuring the integrity and reliability of financial data. This section also outlines the various methods and tools used to collect and analyze financial information.

2. The second part of the document focuses on the role of internal controls in preventing fraud and errors. It details the various types of internal controls, such as segregation of duties, authorization requirements, and independent verification. The text also discusses the importance of regularly reviewing and updating these controls to adapt to changing business conditions.

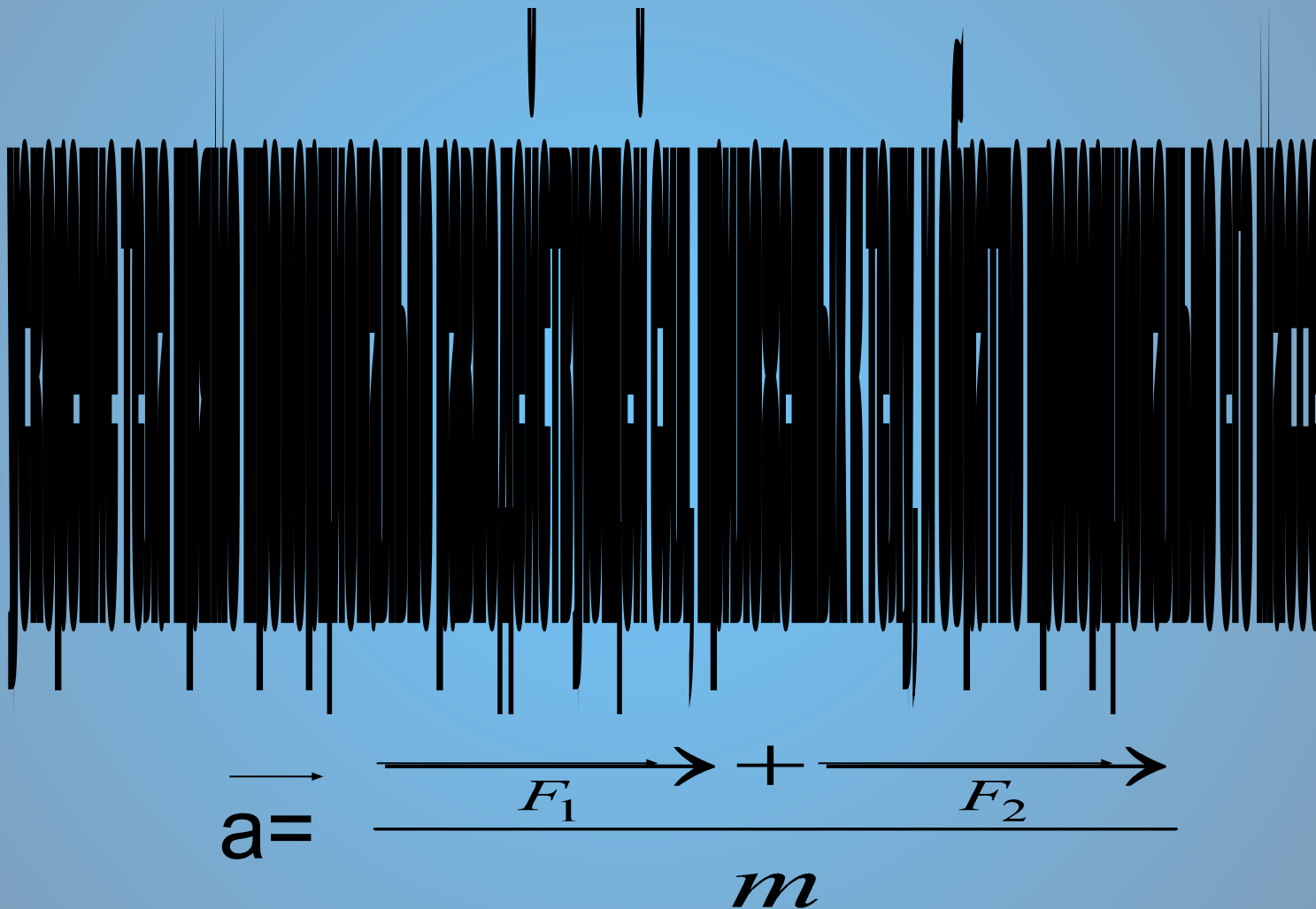
3. The third part of the document addresses the challenges of managing financial risk. It explores the various sources of risk, including market risk, credit risk, and operational risk. The text also discusses the various strategies and techniques used to identify, measure, and mitigate these risks, such as diversification, hedging, and risk transfer.

4. The fourth part of the document discusses the importance of transparency and disclosure in financial reporting. It outlines the various requirements for financial reporting, such as the use of standardized accounting principles and the inclusion of relevant financial information. The text also discusses the benefits of transparency and disclosure for investors and other stakeholders.

5. The fifth part of the document focuses on the role of technology in financial reporting and analysis. It discusses the various ways in which technology, such as data analytics and artificial intelligence, can be used to improve the accuracy and efficiency of financial reporting. The text also discusses the challenges of implementing and maintaining these technologies.

6. The final part of the document provides a summary of the key points discussed throughout the document. It emphasizes the importance of maintaining accurate records, implementing strong internal controls, managing financial risk, and ensuring transparency and disclosure. The text also provides some final thoughts on the future of financial reporting and analysis.

# Второй закон Ньютона:



# Виды физических взаимодействий

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graph TD; A[Виды физических взаимодействий] --> B[Ядерные]; A --> C[Гравитационные]; A --> D[Электромагнитные]; A --> E[Слабые]
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**Ядерные**

**Гравитационные**

**Электромагнитные**

**Слабые**

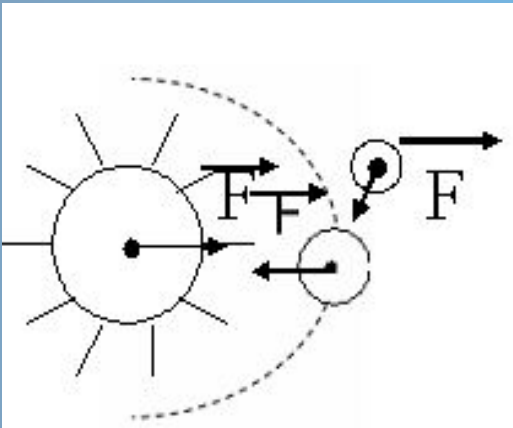
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**Сила упругости**

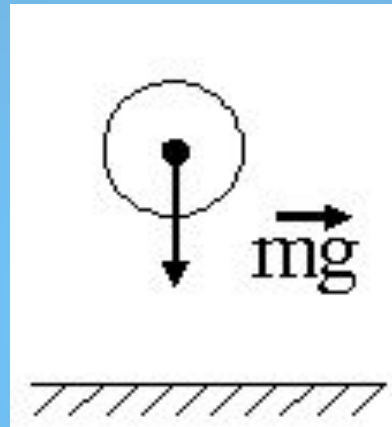
**Сила гравитационная**

**Сила трения**

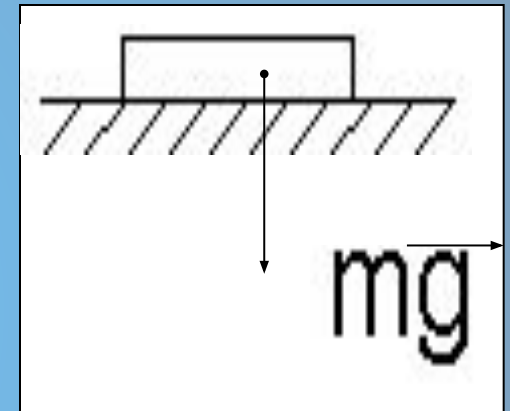
# Сила гравитационная:



сила тяготения

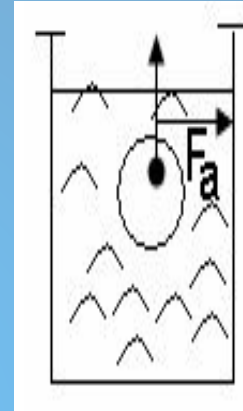
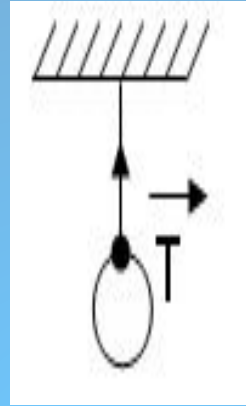
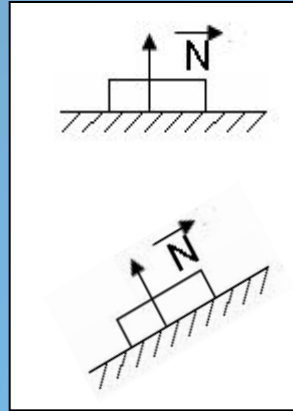
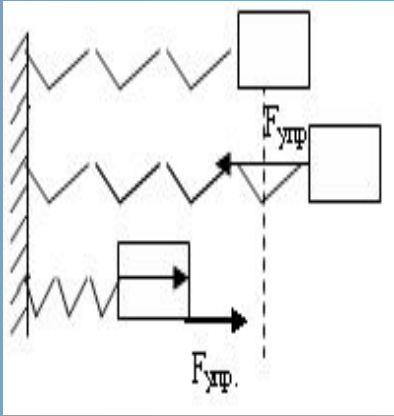


сила тяжести

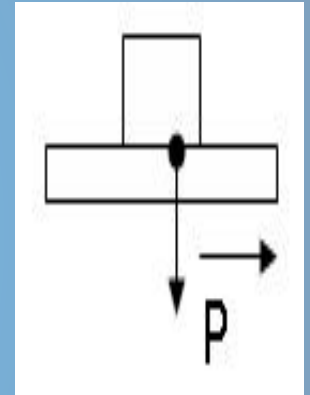


гравитационное взаимодействие

# Сила упругости:



действие тела на опору или подвес



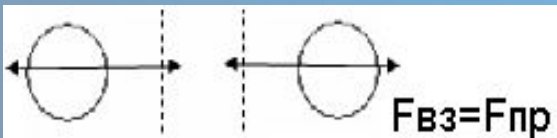
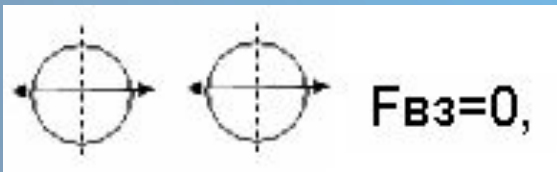
сила упругости

сила реакции опоры

сила натяжения подвеса

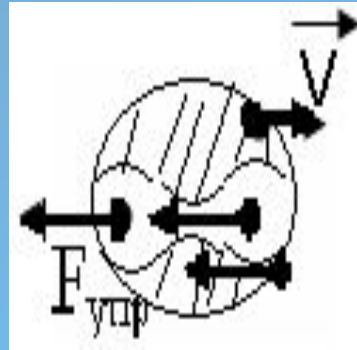
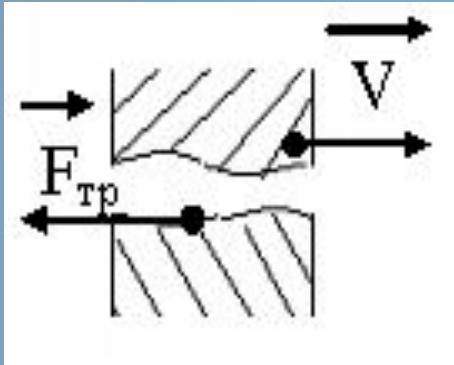
сила Архимеда

вес тела



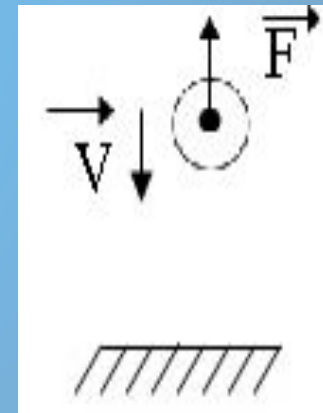
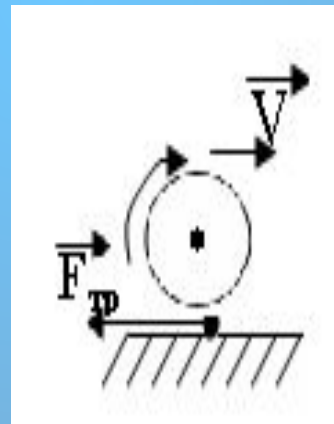
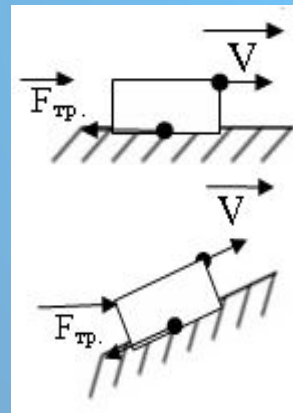
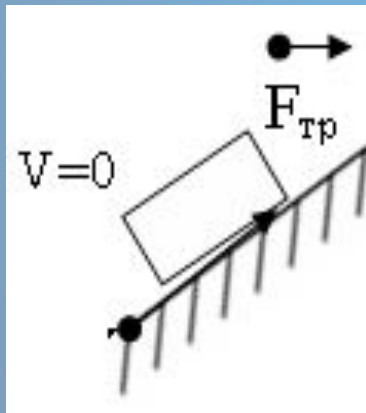
электромагнитное взаимодействие

# Сила трения



$$\Sigma \vec{F}_{упр} = \vec{F}_{тр}$$

электромагнитное взаимодействие



трение покоя

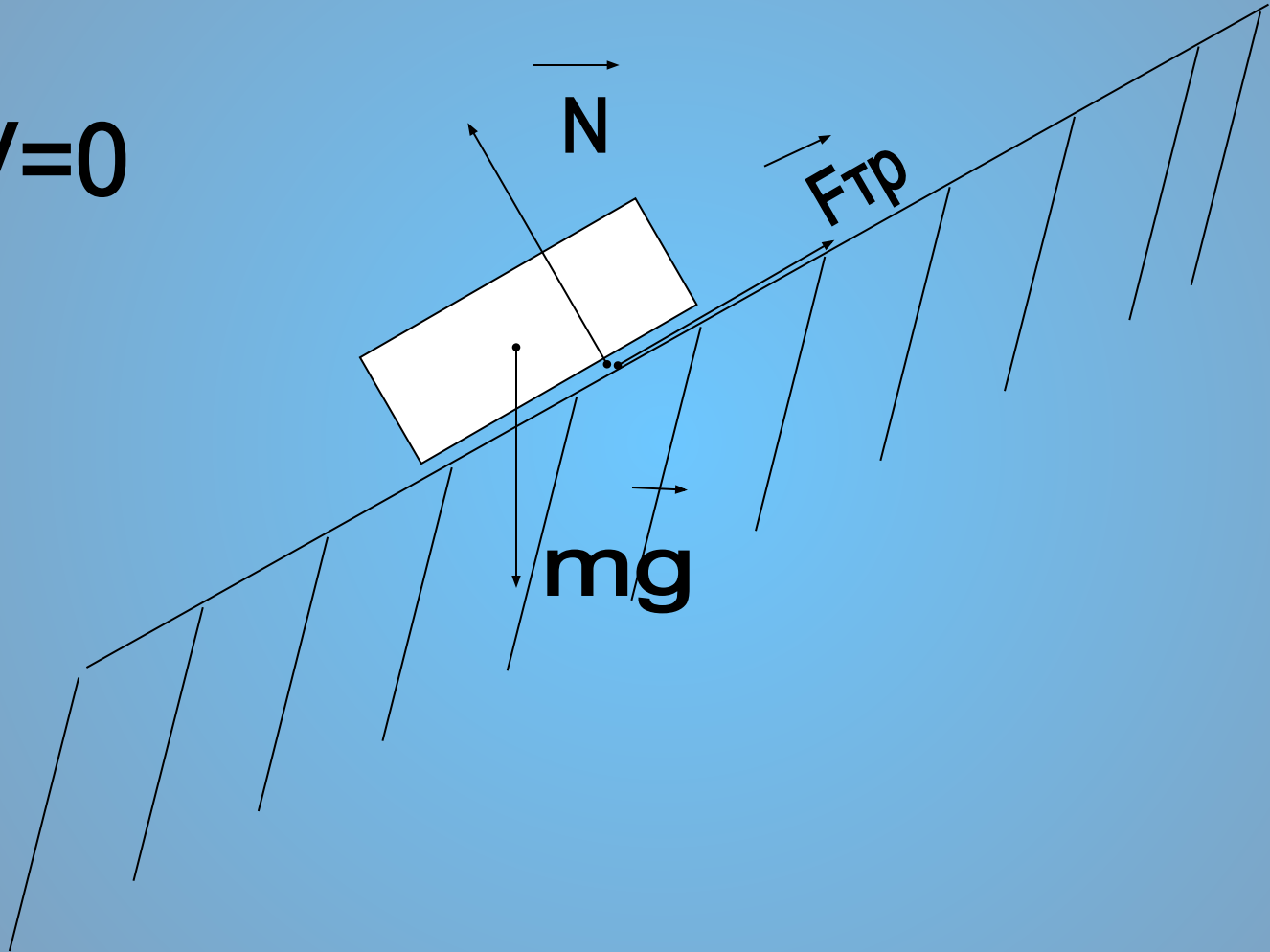
трение скольжения

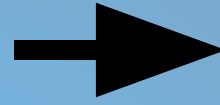
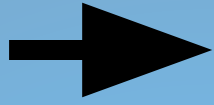
трение качения

трение сопротивления

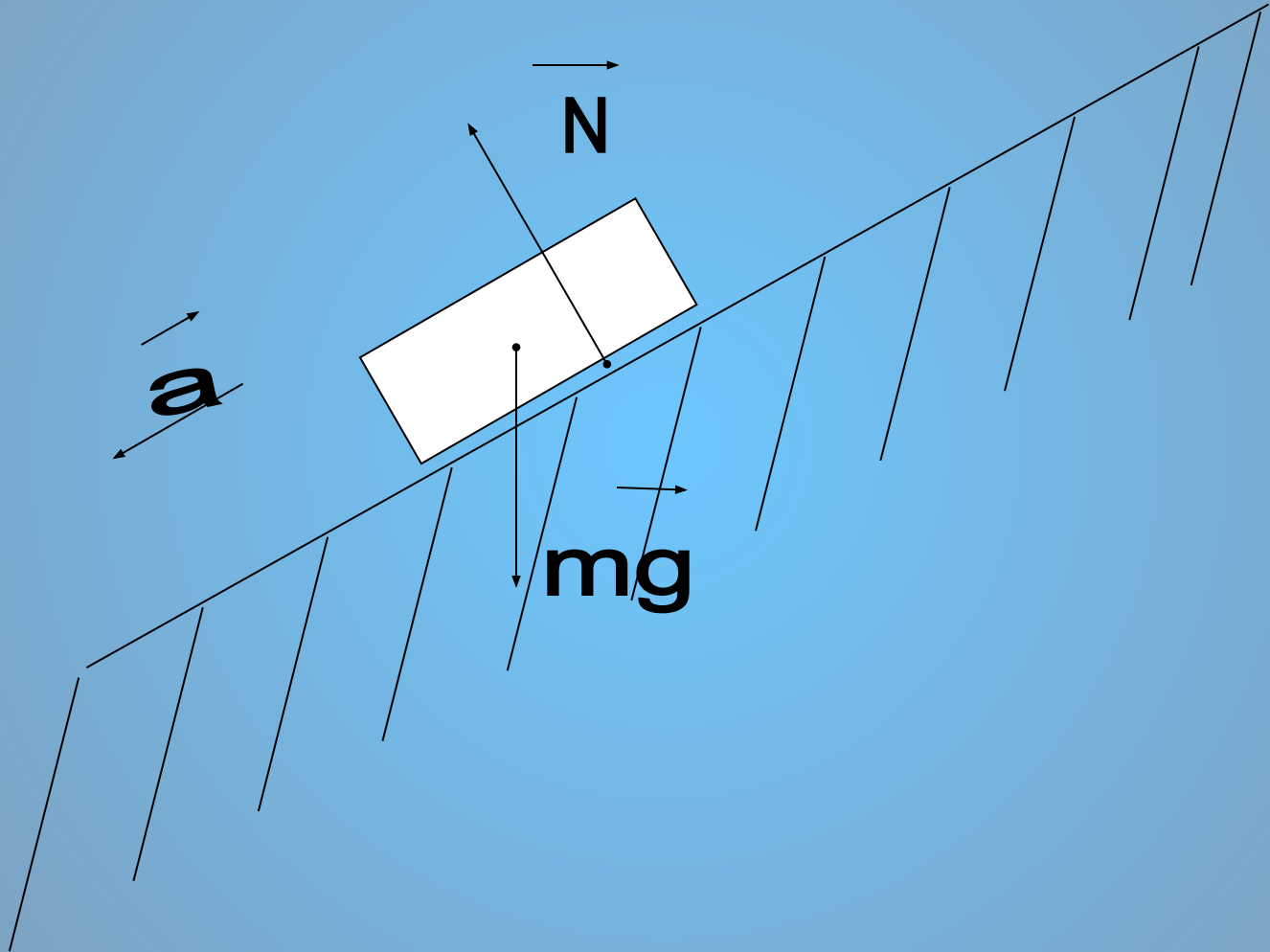


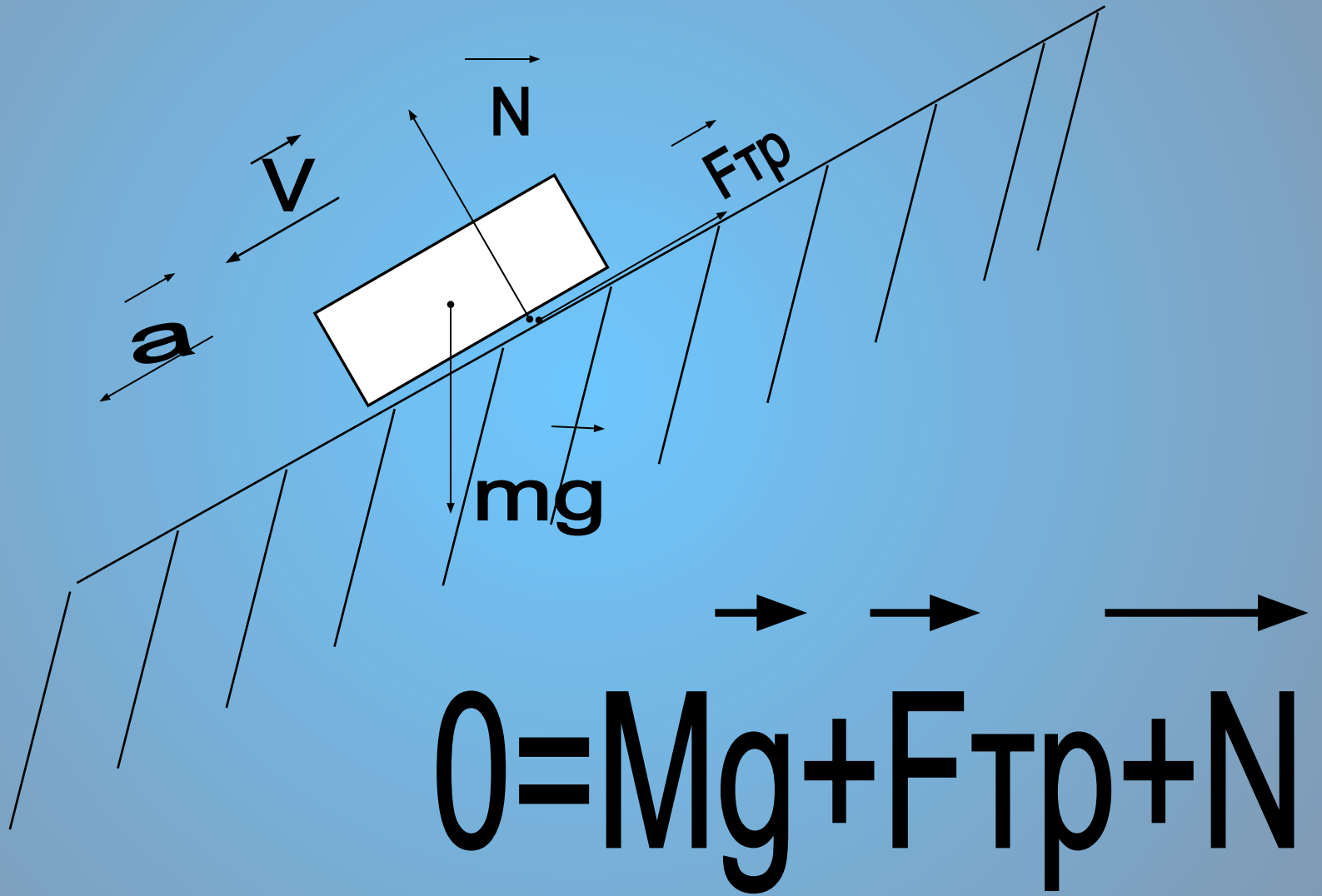
$V=0$





**0 = Mg + Fupr**

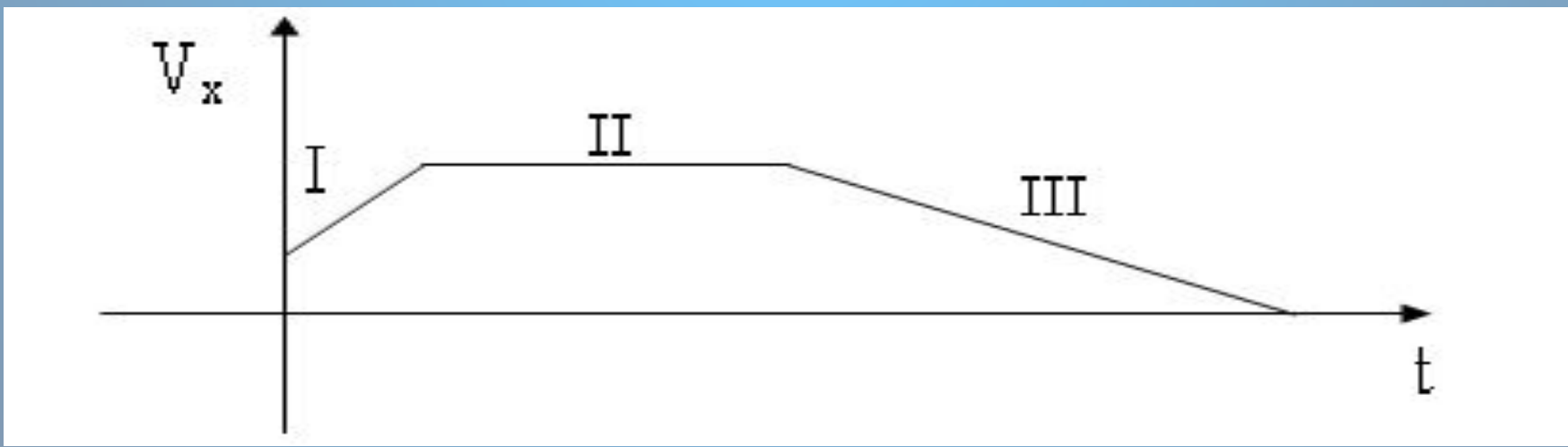




$$0 = Mg + F_{\tau p} + N$$

Дан график проекции скорости движения тела. На каких участках графика равнодействующая сил, действующих на тело:

а) равна нулю; б) постоянна по модулю и направлена в сторону, противоположную скорости тела?



По графику  $F_x(t)$  определить характер движения тела.

