

# 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 different types of internal controls, such as segregation of duties and authorization procedures, and explains how they are implemented within an organization. This section also discusses the importance of regular audits and monitoring to ensure the effectiveness of these controls.

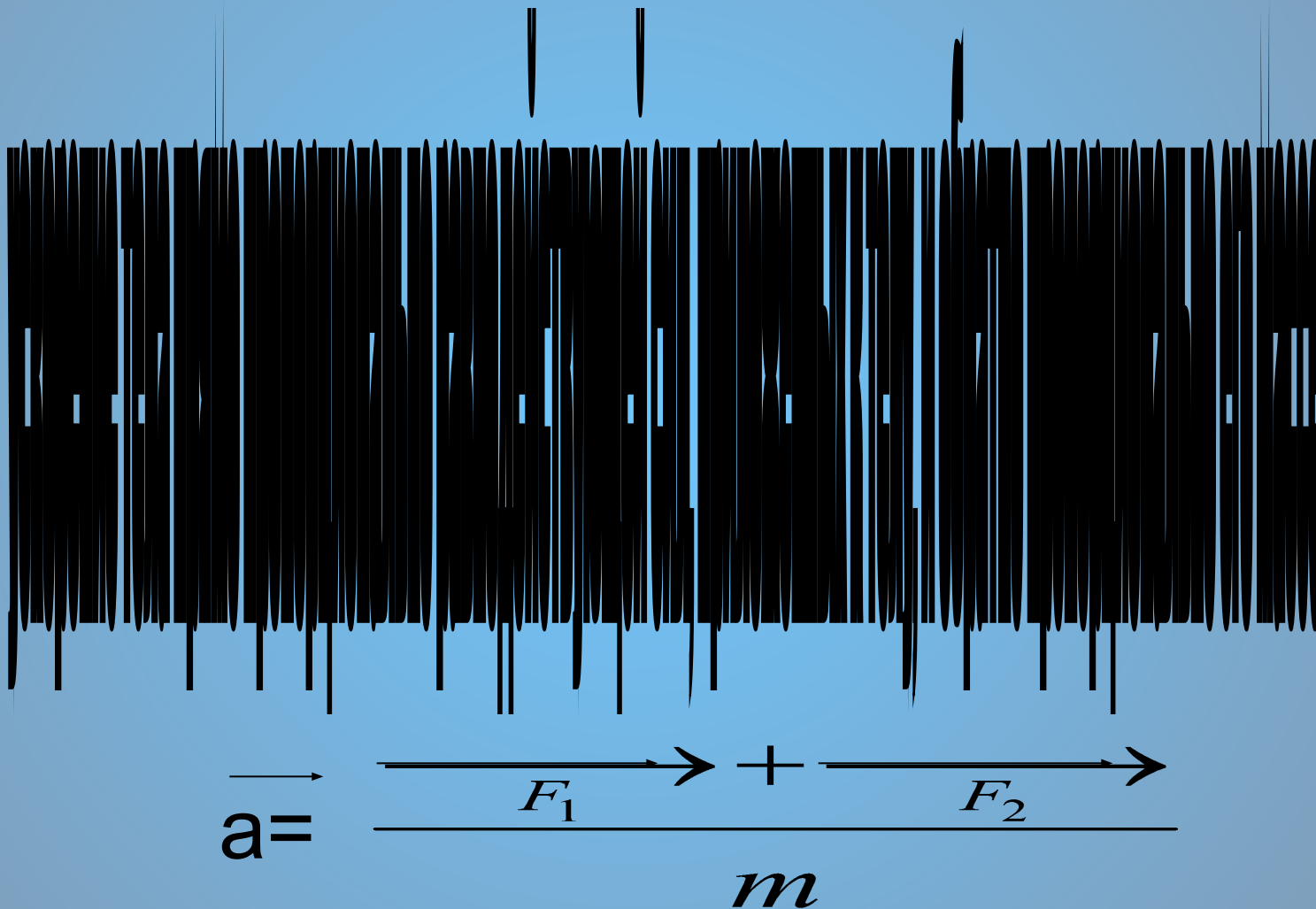
3. The third part of the document addresses the challenges of financial reporting and the need for transparency. It discusses the various stakeholders who rely on financial statements and the importance of providing clear and accurate information. This section also outlines the different types of financial reports and the standards that govern their preparation and presentation.

4. The fourth part of the document discusses the impact of technology on financial management. It explores the various ways in which technology has transformed the financial industry, from the automation of routine tasks to the development of new financial products and services. This section also discusses the challenges and risks associated with the use of technology in finance.

5. The fifth part of the document discusses the importance of ethical behavior in the financial industry. It outlines the various ethical standards and principles that govern the conduct of financial professionals and the consequences of unethical behavior. This section also discusses the role of regulatory bodies in enforcing these standards and promoting ethical behavior.

6. The sixth part of the document discusses the future of the financial industry. It explores the various trends and developments that are expected to shape the industry in the coming years, such as the increasing use of artificial intelligence and blockchain technology. This section also discusses the challenges and opportunities that will arise as the industry evolves.

# 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**

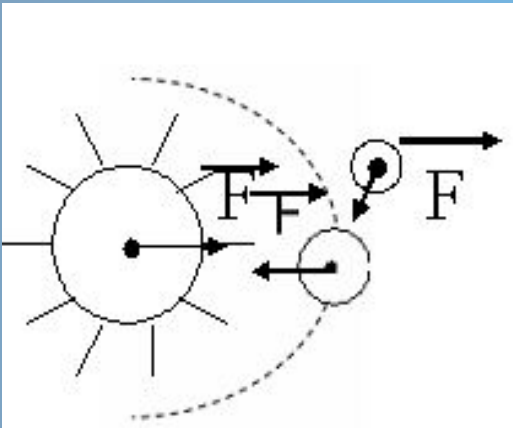
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**Сила упругости**

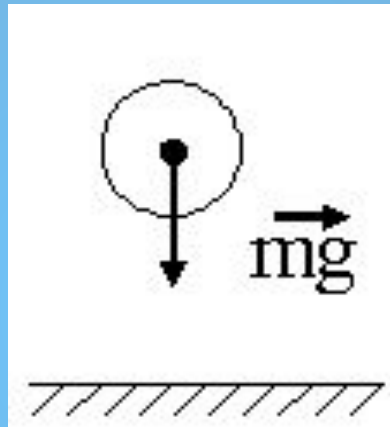
**Сила гравитационная**

**Сила трения**

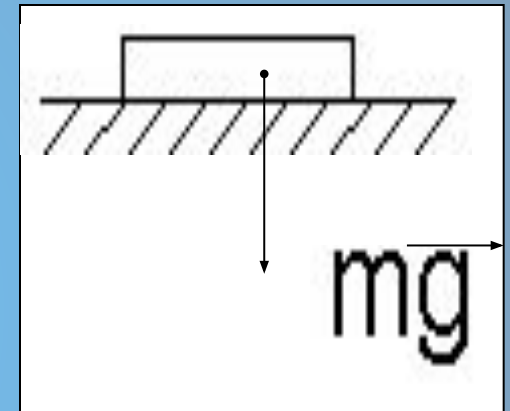
# Сила гравитационная:



сила тяготения

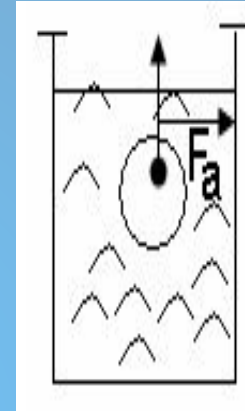
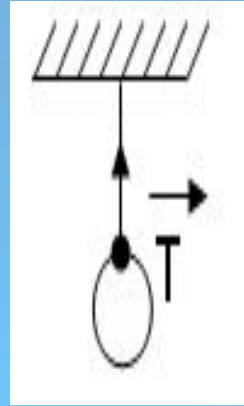
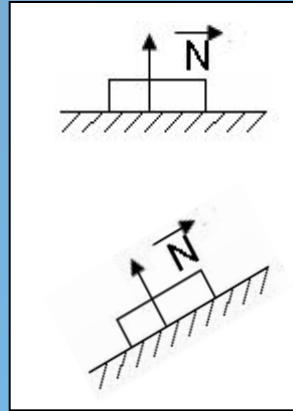
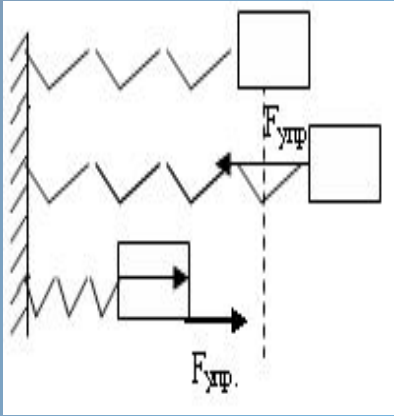


сила тяжести

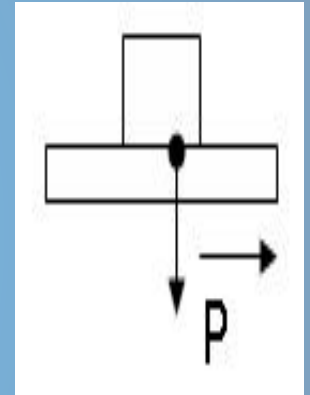


гравитационное взаимодействие

# Сила упругости:



действие тела на опору или подвес



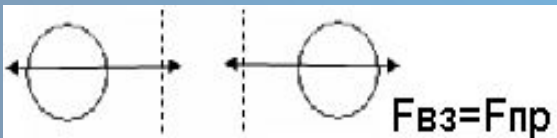
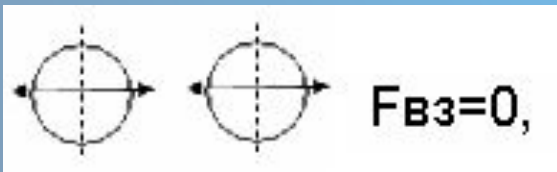
сила упругости

сила реакции опоры

сила натяжения подвеса

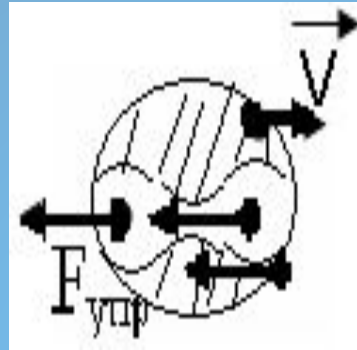
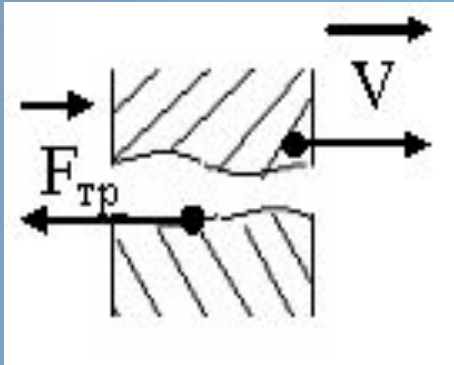
сила Архимеда

вес тела



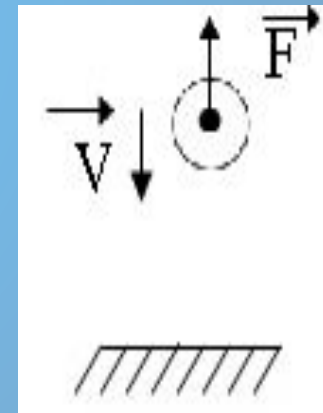
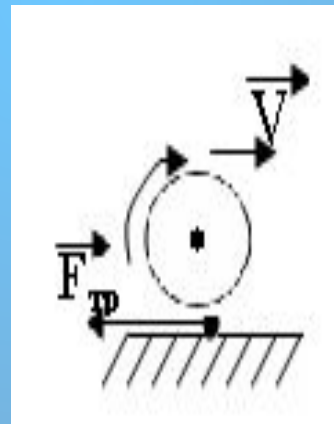
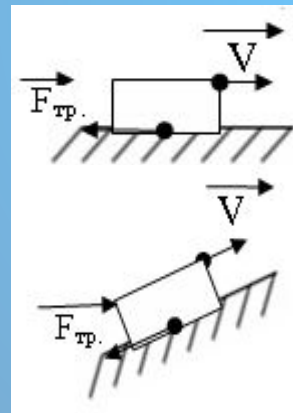
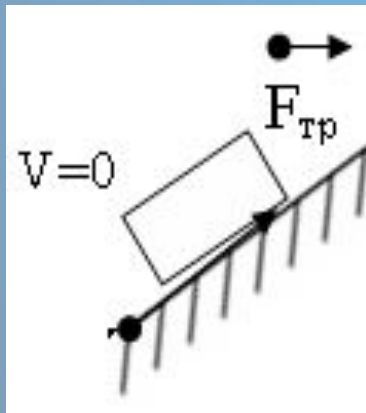
электромагнитное взаимодействие

# Сила трения



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

электромагнитное взаимодействие



трение покоя

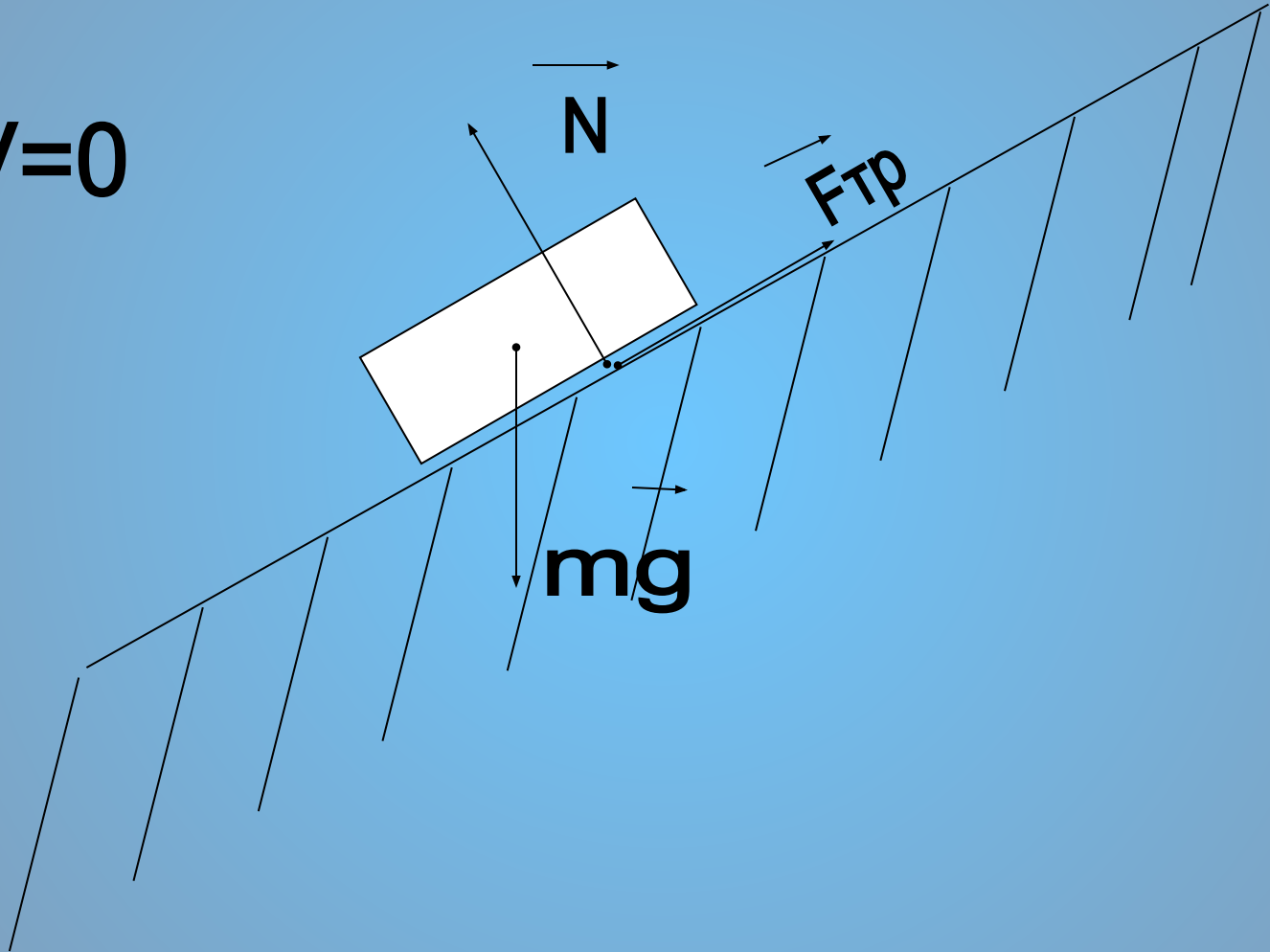
трение скольжения

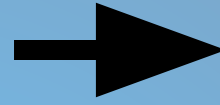
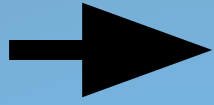
трение качения

трение сопротивления

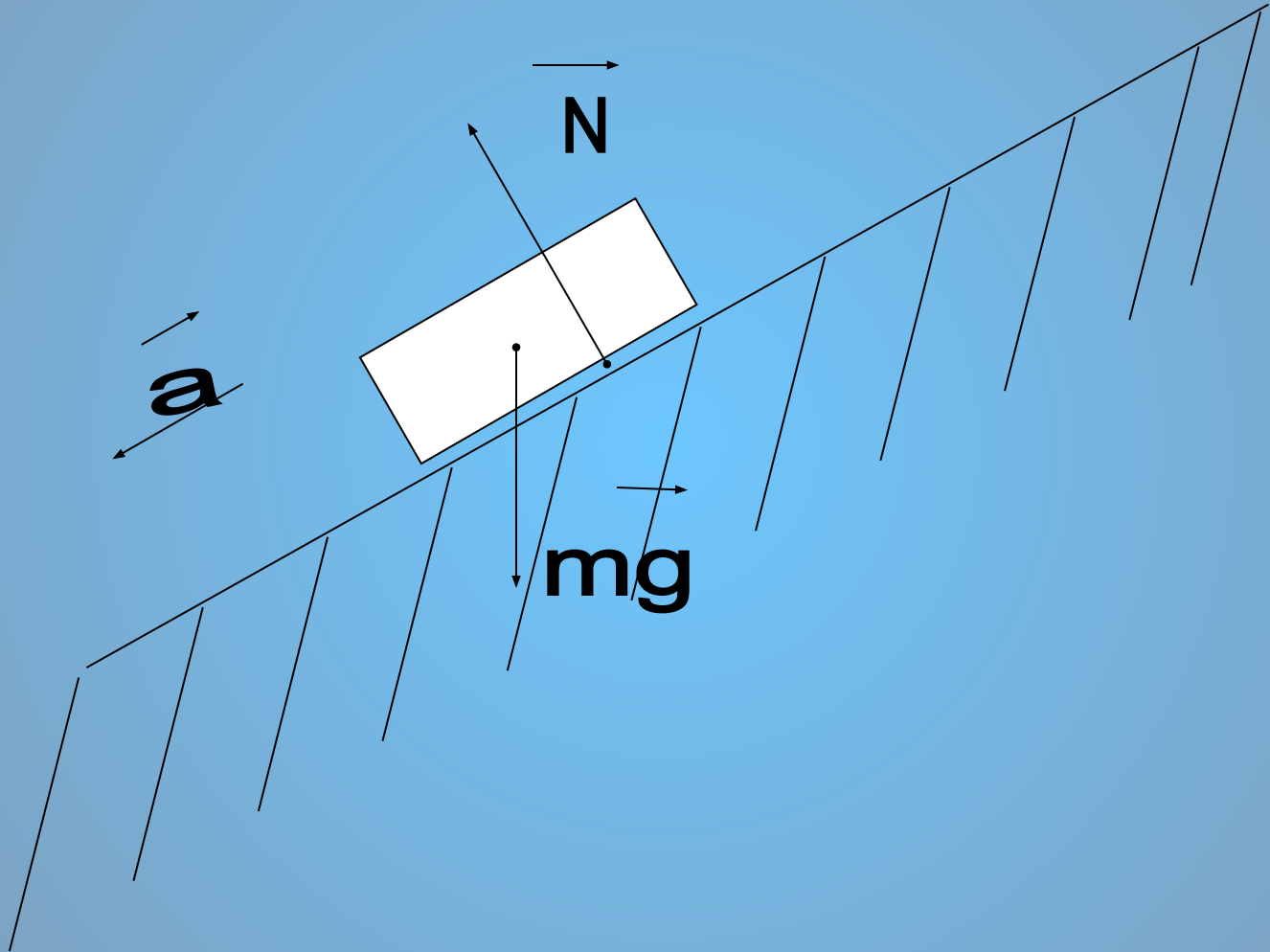


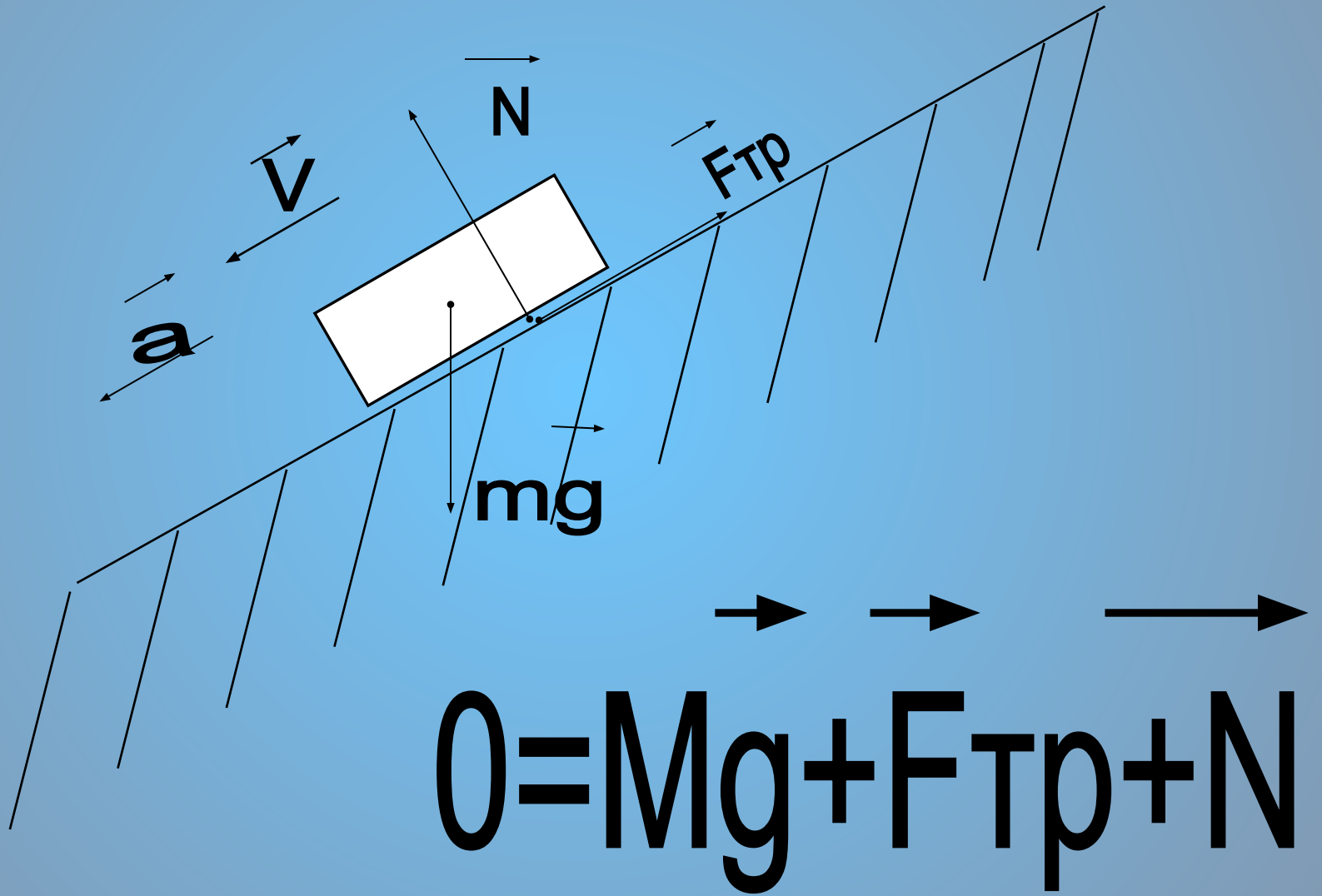
$V=0$





**0 = Mg + Fupr**

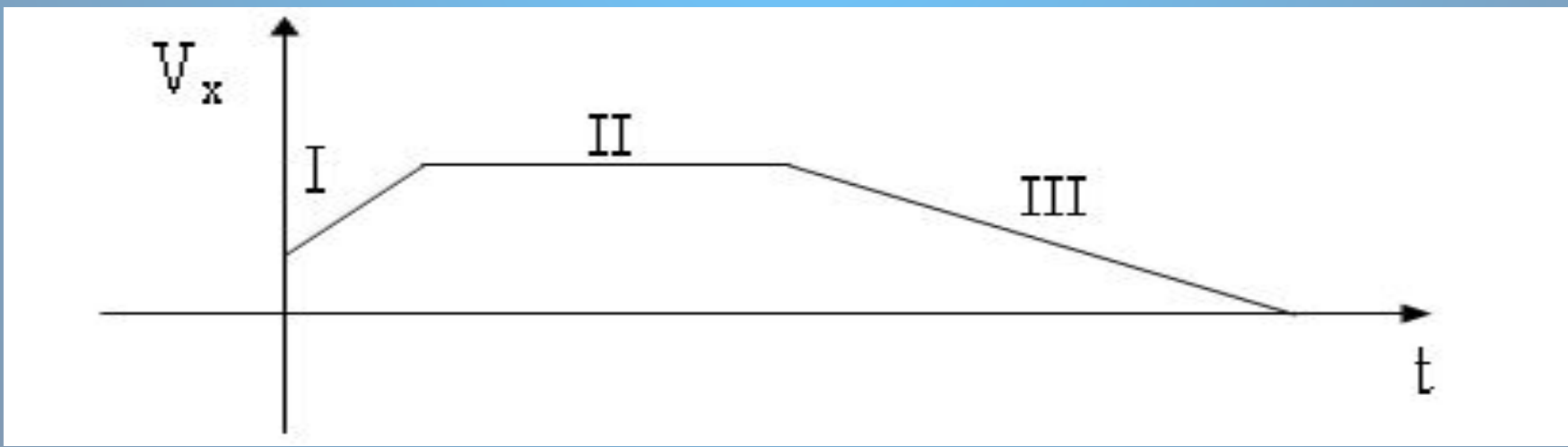




$$0 = Mg + FTP + N$$

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.

