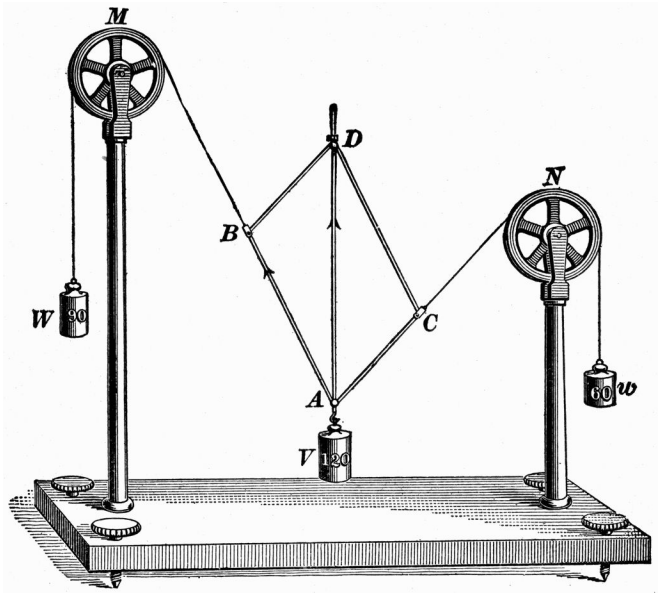
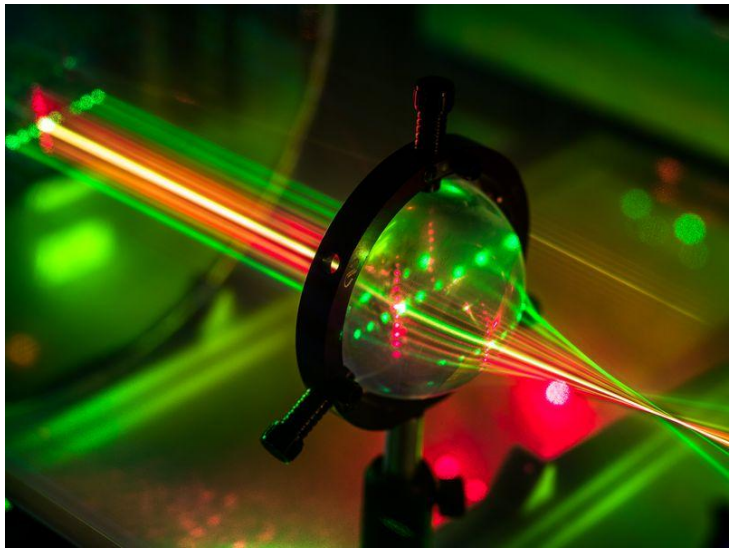
Теория относительности

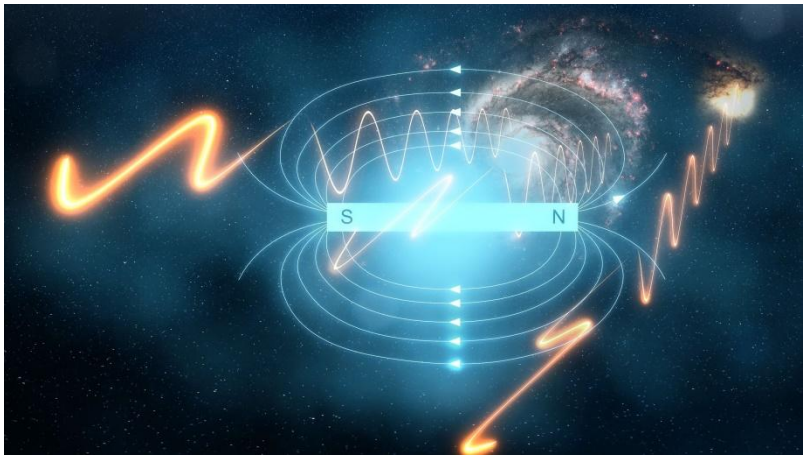
Лекция 1



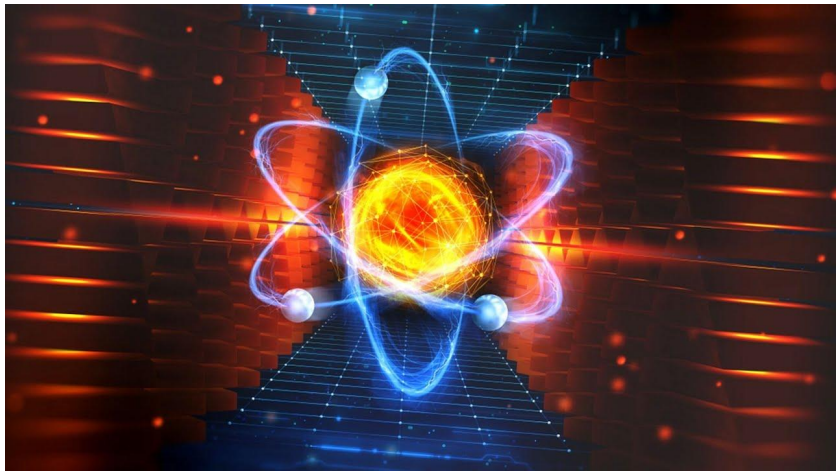
Механика



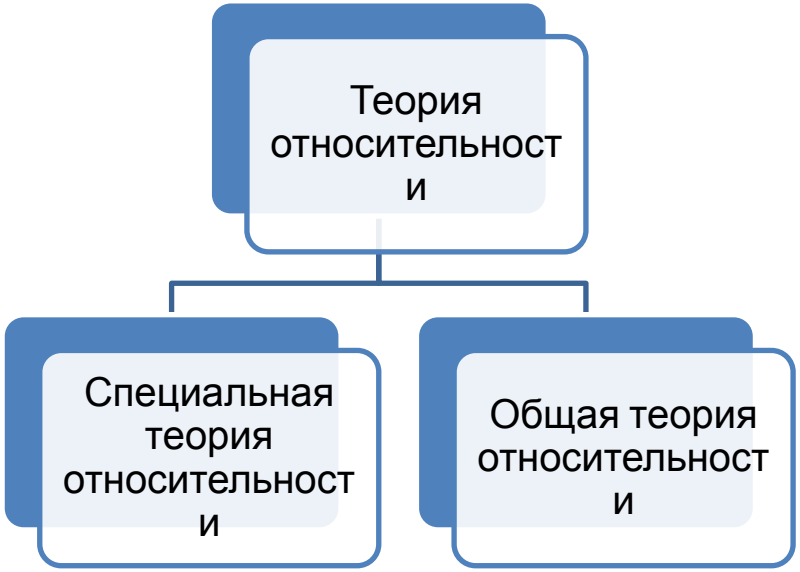
Оптика



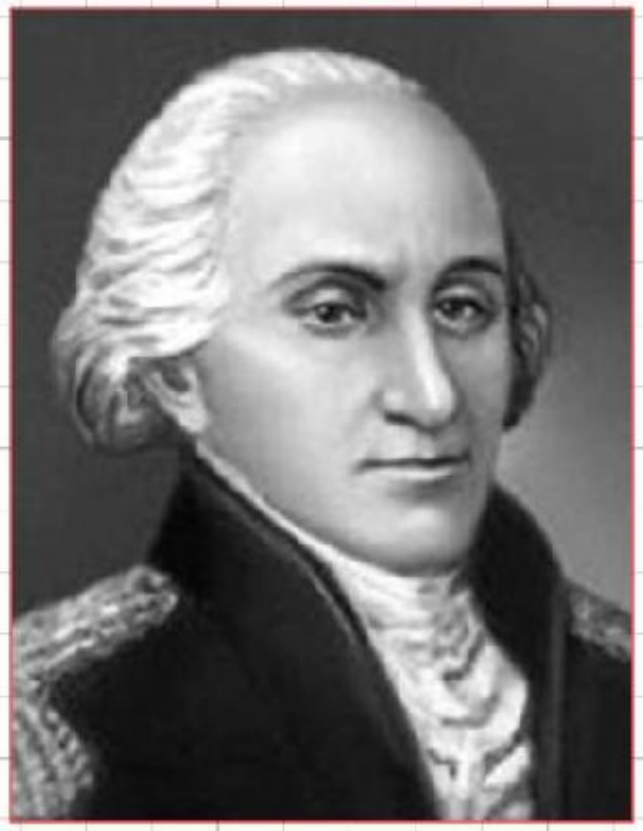
Электромагнетизм

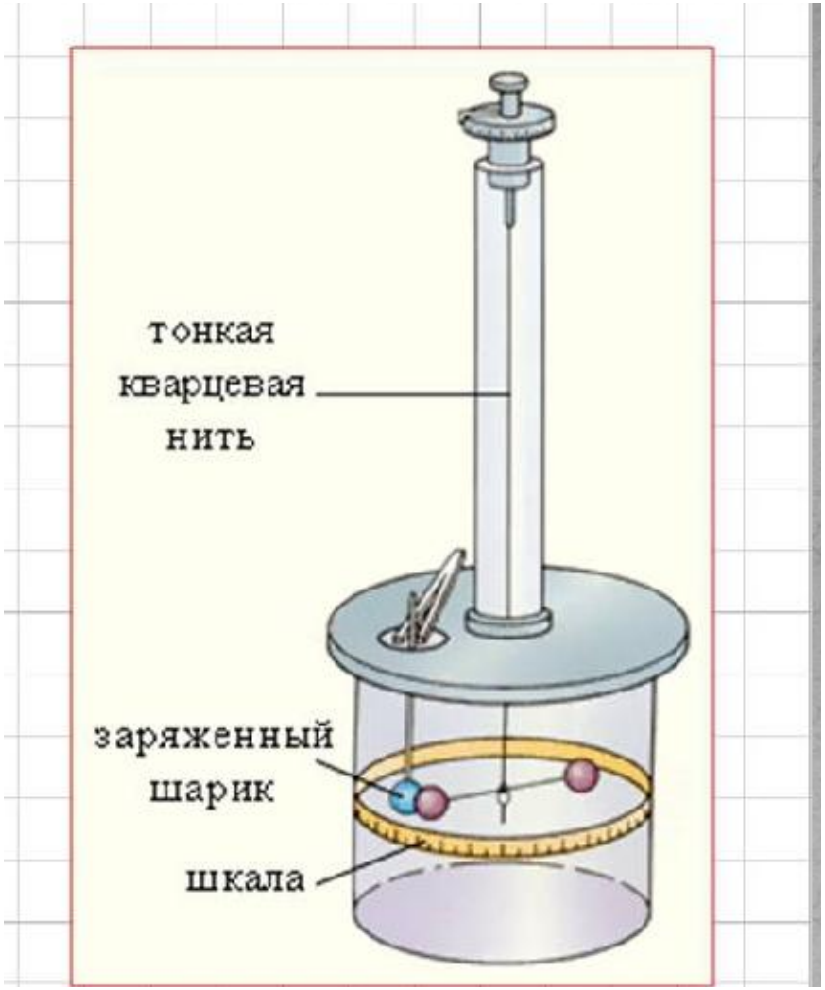


Квантовая
физика


Теория относительности
Специальная теория относительности
Общая теория относительности

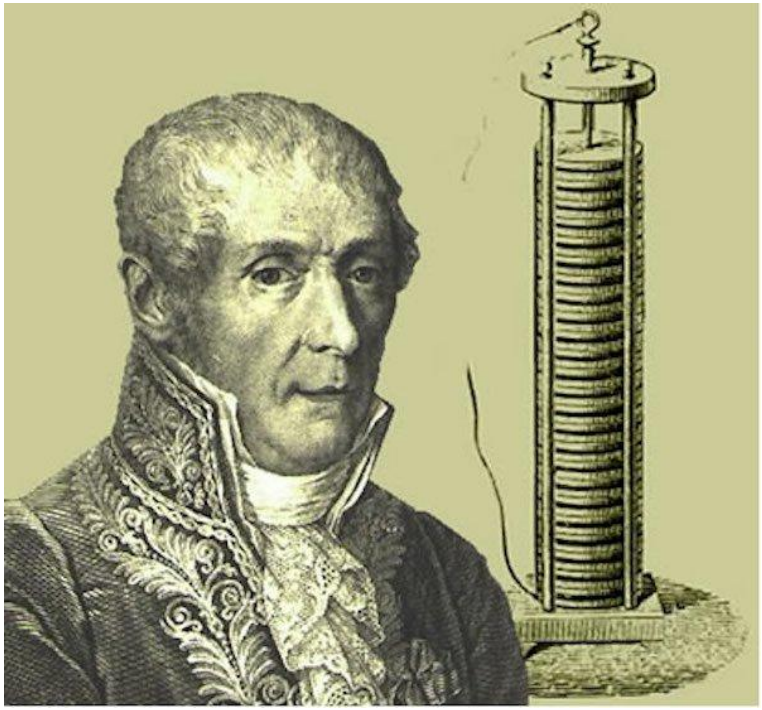
Закон Кулона

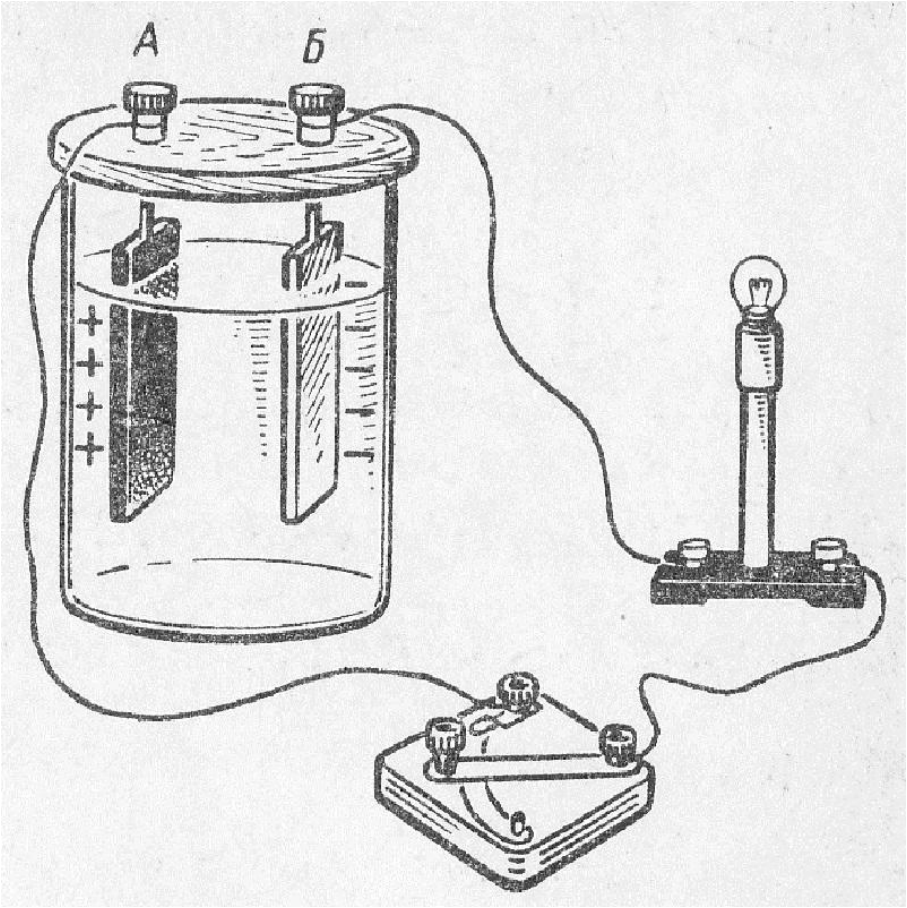



тонкая
кварцевая
нить
заряженный
шарик
шкала

$$F = k\frac{q_1 q_2}{\varepsilon r^2}$$

$$k = 9 \cdot 10^9 \frac{Н \cdot м^2}{Кл^2}$$




А
Б
+
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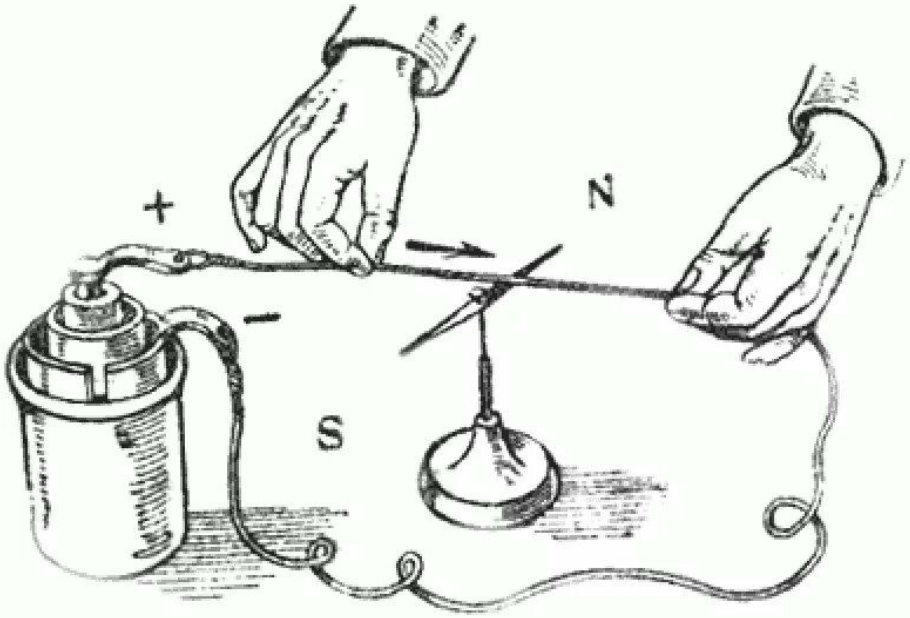
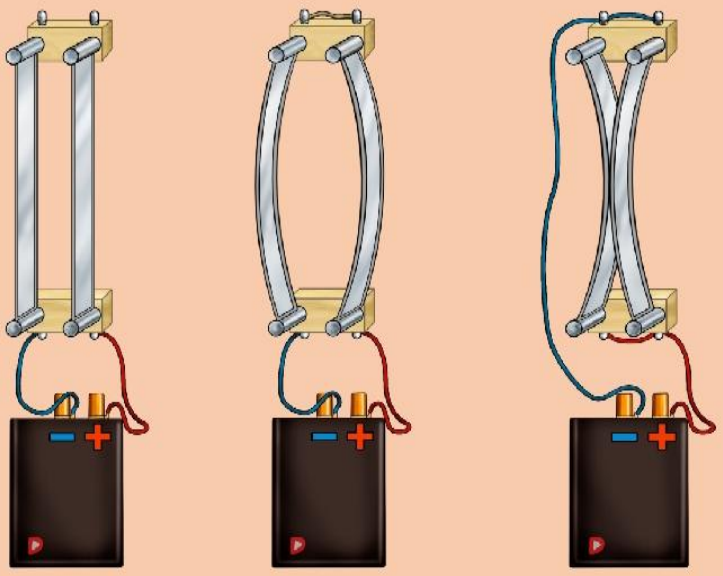
+
−
−
−
−
1
2

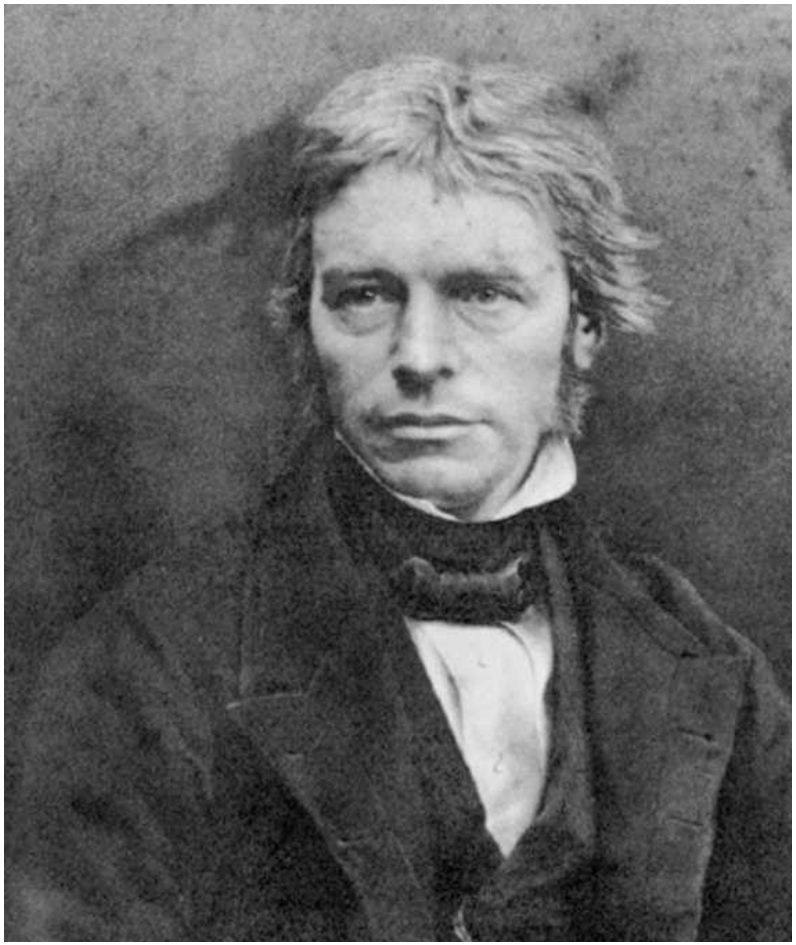


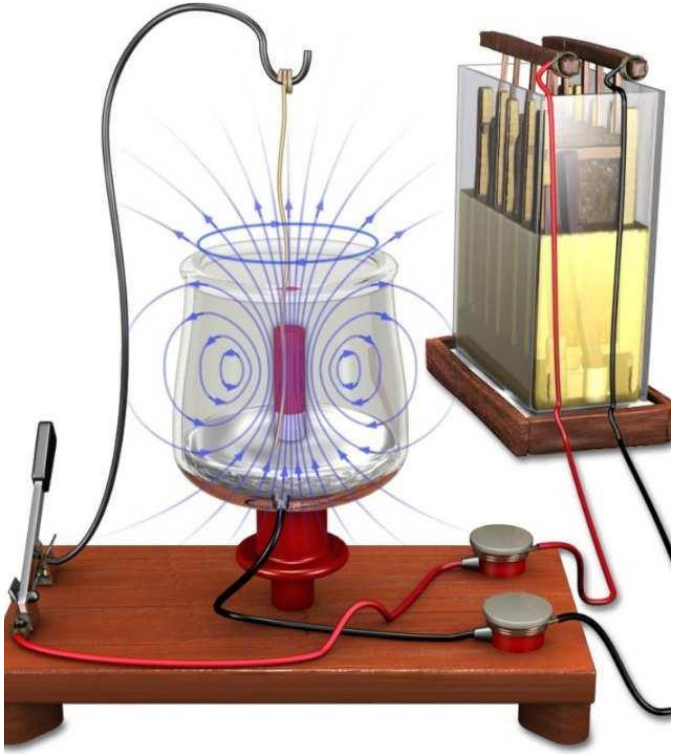
Опыт Эрстеда.



Отталкиваются

Притягиваются





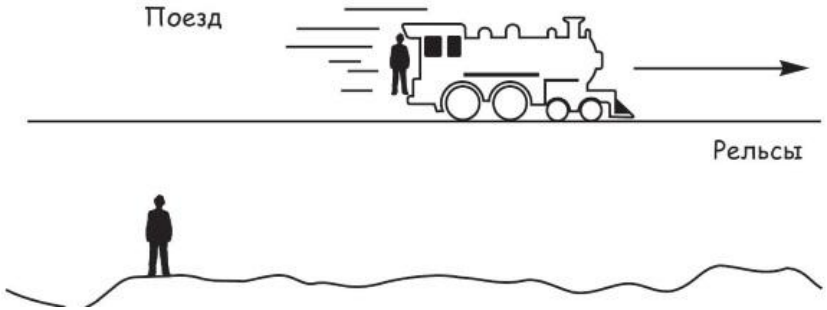
$$rot\vec{E} + \frac{\partial \vec{B}}{\partial t} = 0,$$

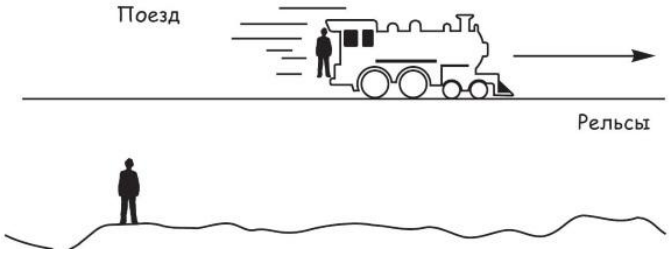
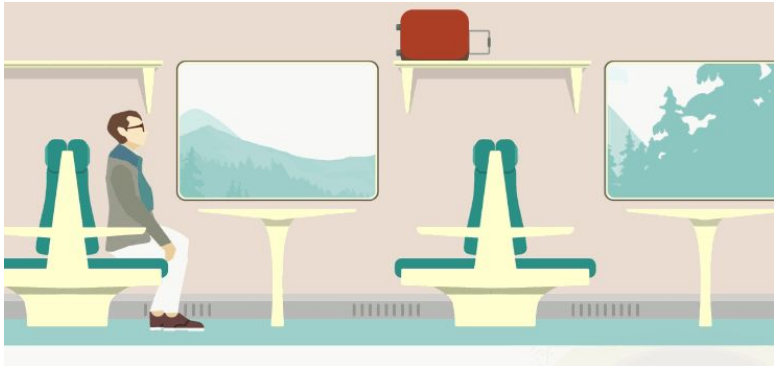
$$div\vec{B} = 0,$$

$$rot\vec{H} - \frac{\partial \vec{D}}{\partial t} = \vec{j},$$

$$div\vec{D} = \rho,$$

ЭП1П-054


Поезд
Рельсы


Поезд
Рельсы