



PHYSICS

BOOKS - NAVBODH PHYSICS (HINGLISH)

LAWS AND THEORIES

Gravitation

1. State and explain Newton's law of gravitation.



[Watch Video Solution](#)

2. State Kepler's laws of planetary motion.



[Watch Video Solution](#)

3. State Kepler's laws of planetary motion.



[Watch Video Solution](#)

Rotation Motion

1. CONSERVATION OF ANGULAR MOMENTUM



[Watch Video Solution](#)

Oscillations

1. The period of simple pendulum



[Watch Video Solution](#)

Elasticity

1. State Stoke's law.



[Watch Video Solution](#)

Surface Tension

1. Derive Laplace's law for a spherical membrane.



[Watch Video Solution](#)

Stationary Waves

1. State and explain the laws of vibrations of stretched strings.



[Watch Video Solution](#)

Kinetic Theory Of Gases And Radiation

1. AVOGADRO LAW



[Watch Video Solution](#)

2. AVOGADRO LAW



[Watch Video Solution](#)

3. State (i) Charles's law (ii) Dalton's law of partial pressures.



[Watch Video Solution](#)

4. State the assumptions of the kinetic theory of gases.



[Watch Video Solution](#)

5. State the zeroth law of thermodynamics.



[Watch Video Solution](#)

6. State the zeroth law of thermodynamics.



[Watch Video Solution](#)

7. State the first law of thermodynamics.



[Watch Video Solution](#)

8. State second law of thermodynamics.



[Watch Video Solution](#)

9. State the zeroth law of thermodynamics.



[Watch Video Solution](#)

10. WIEN'S DISPLACEMENT LAW



[Watch Video Solution](#)

11. The Wien's displacement law express relation between



[Watch Video Solution](#)

12. The Kirchhoff's law leads to the conclusion that the good radiators of thermal radiations are



[Watch Video Solution](#)

13. State and explain Newton's law of cooling.



Watch Video Solution

14. State Newton's law of net loss of heat.

Hence, show that

$$\frac{d\theta}{dt} \propto (\theta - \theta_0).$$



View Text Solution

15. State and explain Stefan's law of radiation.



Watch Video Solution

16. Mention any one demerit of Huygens' wave theory of light.



Watch Video Solution

17. State Huygens' principle of diffraction of light.



[Watch Video Solution](#)

18. State Brewster's law.



[View Text Solution](#)

Current Electricity

1. State Kirchhoff's laws for electrical circuit with the sign conventions.



[Watch Video Solution](#)

Magnetic Effect Of Electric Current

1. State Ampere's circuital law, expressing it in integral form.



[Watch Video Solution](#)

Magnetism

1. Explain qualitatively on the basis of a domain picture the irreversibility in the magnetization curve of a ferromagnet.



[Watch Video Solution](#)

Electromagnetic Induction

1. What is electromagnetic induction? State Faraday's laws of electromagnetic induction.



[Watch Video Solution](#)

2. State Lenz's law of electromagnetic induction.



[Watch Video Solution](#)

3. State Lenz's law of electromagnetic induction.



[Watch Video Solution](#)

4. Explain the law of conservation of energy .



[Watch Video Solution](#)

Molecules And Nuclei

1. State the postulates of Bohr's theory of hydrogen atom. Write the necessary equations.



[Watch Video Solution](#)

2. State the postulates of Bohr's theory of hydrogen atom. Write the necessary equations.



[Watch Video Solution](#)

3. State de-Broglie hypothesis.



[Watch Video Solution](#)

Assignments

1. According to Newton's corpuscular theory



[Watch Video Solution](#)

2. According to Newton's corpuscular theory



[Watch Video Solution](#)