

## **THEORY**

29.04.20

Topic 6. Electrostatic field in vacuum. Electrostatic force. Electrostatic field. Electric field due to a continuous distributed charge. Electric potential

06.05.20

Topic 6. Electric potential due to a point charge. Relation between the electric potential and the electric field vector. Electric dipole. Force on the electric dipole. Energy of the electric dipole in the electric field.

## **LITERATURE**

1. Halliday, David Fundamentals of physics / David Halliday, Robert Resnick, Jearl Walker. – 9th ed. John Wiley & Sons, Inc., 2011.
2. Raymond A. Serway Physics for Scientists and Engineers with Modern Physics / Raymond A. Serway and John W. Jewett, Jr. – Ninth Edition, 2014.