

Theme 8. Electrostatics and electrodynamics basics

Problem. Human structures functions identification and quantification as electric processes to get evidenced data of structures functional states

Attendance prerequisite checklist. Note! Answer in writing to perform

Answer to the questions

1. Define physics phenomenon “conservative force”.
2. Define and write down parameters of a parallel plate capacitor electric field.
3. Explain the meaning of Physics term “electric current”.
4. Why human cell membrane may be considered as a capacitor?

Information resources

1. <http://www.a-levelphysicstutor.com/elect-ebook.php>
2. <https://www.slideserve.com/jaser/the-electric-dipole>