CAS PY 106

In-class Note 7

1. Summary of concepts we learned
2. Electric Force
3. F = k\*q\*Q/r^2
4. Vector
5. Associated with interaction of two charges
6. Unit is N
7. Electric Field
8. E = k\*Q/r^2
9. Vector
10. Associated with points in space
11. Unit is N/C
12. Electric Force & Electric Field relationship
13. F = q\*E
14. Electric Potential Energy
15. U = k\*q\*Q/r
16. Scalar
17. Associated with interaction of two charges
18. Unit is J
19. Electric Potential
20. V = kQ/r
21. Scalar
22. Associated with points in space
23. Unit is J/C
24. Electric Potential Energy & Electric Potential relationship
25. Change in U = q \* change in V
26. Or U = qV