



UP201: Introductory Physics III

IISc Bangalore
Semester I, 2017–2018

PROBLEM SET 5, FINISH BY: NOV. 25, 2017

Reading: SJ, Chapter 42 and Chapter 43 (Section on superconductivity is optional).

5/1. (C) Conceptual ideas:

- (a) SJ-42-Q1[1]
- (b) SJ-42-Q4[4]
- (c) SJ-42-Q5[5]
- (d) SJ-42-Q6[6]
- (e) SJ-42-Q11[11]
- (f) SJ-42-Q19[19]
- (g) SJ-43-Q1[1]
- (h) SJ-43-Q2[2]
- (i) SJ-43-Q4[4]
- (j) SJ-43-Q8[8]

5/2. (C/T) Problems:

- (a) SJ-42-P1[1]
- (b) SJ-42-P3[3]
- (c) SJ-42-P9[9]
- (d) SJ-42-P11[11]
- (e) SJ-42-P14[14]
- (f) SJ-42-P15[15]
- (g) SJ-42-P17[17]
- (h) SJ-42-P18[18]
- (i) SJ-42-P22[22]
- (j) SJ-42-P26[26]
- (k) SJ-42-P29[29]
- (l) SJ-42-P30[30]
- (m) SJ-42-P33[33]
- (n) SJ-42-P42[42]
- (o) SJ-42-P44[44]
- (p) SJ-42-P47[47]

- (q) SJ-43-P3[3]
- (r) SJ-43-P5[5]
- (s) SJ-43-P9[9]
- (t) SJ-43-P23[23]
- (u) SJ-43-P27[27]
- (v) SJ-43-P38[38]
- (w) SJ-43-P39[39]
- (x) SJ-43-P41[41]

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