

HW#7

Physics 406

(due 04/18)

Reading:

(i) Omar (8) Ch. 6 & 7

(ii) Handout 7, "Electronics with carbon nanotubes"

Problems:

1. 8 Ch. 6 Pr. 9

2. 8 Ch. 6 Pr. 11

3. 8 Ch. 6 Pr. 19

4. 8 Ch. 7 Q. 1

5. 8 Ch. 7 Q. 8

6. 8 Ch. 7 Pr. 1

7. 8 Ch. 7 Pr. 4

8. 8 Ch. 7 Pr. 7

9. Please describe, using information in Handout 7, recent studies of nanoscale devices based on carbon nanotubes. Use 7-9 sentences in your response.