Homework for Chapter 39  
(Due 5/5/16)

Questions: 8, 10, 14  
Problems: 11, 12, 16, 17, 28, 33, 50, 52, 53, 59

Answers to even problems:

39-12) (a) 68.7 nm; (b) 25.8 nm; (c) 13.7 nm  
39-16) (a) 0.091; (b) 0.091; (c) 0.82  
39-28) (a) 3.00; (b) 9.00; (c) 2.00; (d) 3; (e) 6  
39-50) (a) 3; (b) 1; (c) Lyman  
39-52) (a) 12.8 eV  (b) 6  (c) 12.8 eV (4 \rightarrow 1)  (d) 12.1 eV (3 \rightarrow 1)  (e) 10.2 eV (2 \rightarrow 1)  
   (f) 0.661 eV (4 \rightarrow 3)  (g) 1.89 eV (3 \rightarrow 2)  (h) 2.55 eV (4 \rightarrow 2),

Homework for Chapter 37  
(Due 5/12/16)

Questions:  
Problems:  

Answers to even problems: