

Physics 123 – Spring 2013 – Problem Set 10 – Due April 25, 2013

1. 38-41
2. 39-3
3. 39-9
4. 39-12
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11. 39-36
12. 39-38
13. 39-42, this problem is written strangely. It seems to be written to refer you back to an example problem to avoid having to find and plug in all the constants from scratch. I think it is odd since it implies that you are going back to the example for a fundamental physics reason. Anyway, what it is really asking you to do is find the K_{α} wavelength for X-rays from cobalt. Certainly you can use the example problem to get the number to use for the combination of constants.
14. 39-47
15. 39-48
16. 39-64