

**Mathematical Methods of Physics 116A- Winter 2018**

**Physics 116A**

**Home Work # 1**

Posted on Jan 11, 2018

Due in Class Jan 18, 2018

**§Required Problems: Each problem has 5 points**

E.g. MB 19.16 means problem #16 on page 19 in the book by M. Boas, 3rd Edition.

1. MB 3.3
2. MB 3.11
3. MB 5.6
4. MB 5.8
5. MB 8.6
6. MB 8.7
7. MB 11.3
8. MB 13.11
9. MB 13.14
10. MB 15. 21
11. MB 15.28
12. MB 16.33
13. MB 16.34
14. MB 17.5
15. MB 17.8
16. MB 19.5
17. MB 19.15
18. MB 19.18
19. MB 20.19
20. MB 20.21

**§Recommended Supplementary problems: No scores**

S(1) MB 17.7

S(2) MB 17.10

S(3) MB 16.31

S(4) MB 16.37

S(5) MB 22.10

S(6) MB 22.13