Mathematical Methods of Physics 116B- Spring 2018

Physics 116B

Home Work # 1
Posted on April 5, 2018
Due in Class April 12, 2018

§**Required Problems: Each problem has 10 points**
E.g. MB 19.16 means problem #16 on page 19 in the book by M. Boas, 3rd Edition.

1. MB 501.2

2. MB 501.3

3. MB.502.7

4. MB 505.2

5. MB 505.5

6. MB 505.9 (Do the supplementary problem # S(1) before trying this)

7. MB 508.4

8. MB 508.6

9. MB 513.3

10. MB 514.12 (c,d) (skip (a,b))

§**Recommended Supplementary problems: No scores**

S(1) MB504; Work out Example 2 and understand the quotient rule. It is quite important and you can learn it on your own by doing this problem.

S(2) MB 508.8

S(3) MB 513.2