

Mathematical Methods of Physics 116A- Winter 2018

Physics 116A

Home Work # 6

Posted on Feb 15, 2018

Due in Class Feb 22, 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 113.43
{ Hint: Write the equation for the line in the parametric form }
2. MB 113.45
3. MB 122.3
4. MB 122.5
5. MB 122.6
6. MB 122.8
7. MB 123.30
8. MB 123.32
9. MB 130.5 & 130.6

§Recommended Supplementary problems: No scores

S(1) 122.13

S(2) 122.15

S(3) 122.16

These three problems will get you going with calculating the inverse of a matrix, a topic we cover very soon.