

Homework 9

- 1) Obtain the Cauchy Riemann equations in polar coordinates.
- 2) Exercice 8 Greenberg page 1146
- 3) " 9 " " "
- 4) " 14 " " 1147.
- 5) " 15 " " 1165
- 6) " 2 " " 1179
- 7) " 1a " " 1188
- 8) " 1b " " 1188
- 9) " 9a " " 1195
- 10) " 9c " " 1195
- 11) Prove the generalized Cauchy Integral formula by induction.
- 12) Exercice 19. Greenberg page 1206
- 13) " 10 " " "
- 14) Exercice 3 " " "