

APPM 5430      HOMEWORK #6

Monday Nov. 18, 2019

DUE MONDAY DECEMBER 9, 2019

5.6 2

5.6.4 Hint: it is useful to map  $w = 0, w = 1, w = i$  to  $z = 0, z = 1, z = \infty$  respectively and the 'beta' function formula  $B(p, q)$  on p. 357

5.6.6

5.7 1, 3

5.8 1a,b; 2, 5a,b,c,d

7.2 1a,b,c

7.3 1a,b,c; 2a,b,c