

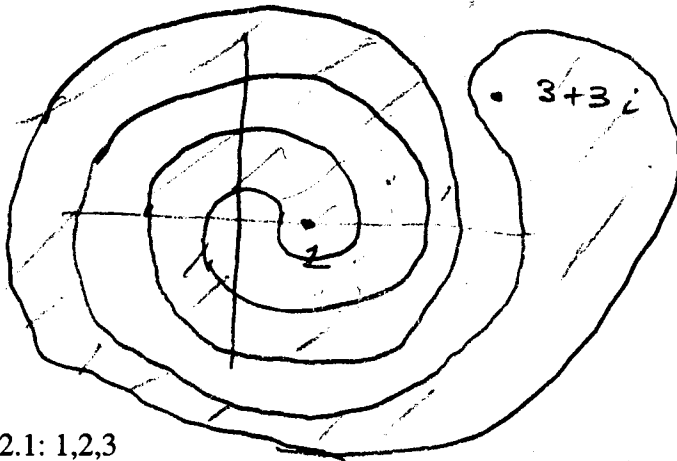
Math 132a

Assignment 2

1. 1.5: 1, 2a,b,c, 3, 4

2. 1.6: 1, 2

3. Let $f(z)$ be the branch of $\log z$ in the indicated domain, for which $f(1)=0$. Compute $f(3+3i)$



4. 2.1: 1,2,3

5. 2.2: 1, 3

6. 2.3: 1,2,3