Robert Christie MATHS 326 S1 2024

Assignment 3 Due: 10-05-2024

Q1

(a) Outline:

We have that f is Harmonic on $V \setminus \{a, z\}$, while $f(a), f(z) \in \mathbb{R}$ are free, this is an instance of the discrete Dirchlet problem, and so there is a unique solution f.

(b)

Q2

 O_3

04

Q5

(a)

Q6