

Assignment 4 (10/3)

Subhadip Chowdhury

Problem 1

Problems 7.1.(12, 26, 32, 33, 37, 46, 53).

Problem 2

Problems 7.7.(4, 7, 8, 9, 38).

Problem 3

Suppose x, y , and z are real numbers that satisfy

$$\arcsin(x) + 2 \arccos(y) + 3 \arcsin(z) = 4\pi$$

Find the value of $x + y^2 + z^3$.