

18.104. Problem Set 2

Due date: Session #7. Late homeworks will be accepted only with a medical note or for some other MIT approved reason. You may work with others, but the final write-up should be entirely your own and based on your own understanding.

Zeta function:

Write an exposition in LaTeX on one proof (of your choice) of the fact that $\zeta(2) = \pi^2/6$. It should reflect your own understanding of the proof, should be less than two pages, and the exposition should be self-contained. For a selection of possible references, see the textbook, page 348, footnote 23.