

**MATH 8702**  
**Additional Problem for Homework Assignment #5**

**Due 04/03**

INSTRUCTOR: Anar Akhmedov

1. Prove that the series  $\sum_{n+m\tau \in \Lambda^*} \frac{1}{|n+m\tau|^2}$  does not converge, where  $\tau \in \mathbb{H}$ .