

Homework 2

Due February 14th by the beginning of class.

Problem: Let $f: \mathbb{R}^n \rightarrow \mathbb{C}$ be continuous. Prove that the support of f as a function is the same as the support of f as a distribution.

Solution:

REFERENCES

[FrJo] G. Friedlander and M. Joshi. The Theory of Distributions, second edition, Cambridge University Press, 1998.