

Homework 5

Due February 28th by the beginning of class.

Problem: Find all $u \in \mathcal{D}'(\mathbb{R})$ such that $x\partial u + u = 0$.

Hint: See [FrJo, Exercise 2.3]

Solution:

REFERENCES

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