Review

Jonathan Zhang

1   Preliminaries

Theorem 1.1. *Here, we use the following notation:* $(M^\alpha f)(x) = x^\alpha f(x)$.
If $T \in \mathcal{S}'$ and $f \in \mathcal{S}$, then $T * f$ is smooth and polynomially bounded.

2   Differential Calculus in Banach Spaces

3   Calculus of Variations