

A new class of FBI transform

Gustavo Hoepfner

(Federal University of São Carlos - Brazil)

Abstract: We introduce a class of FBI transforms using weight functions (which includes the subclass of Sjostrand's FBI transforms used by M. Christ in 1997 as examples) and show that it is well suited when dealing with ultradifferentiable functions. Applications will be given. Joint work with Renan Medrado, UFAL.