

# İSTANBUL ANALYSIS SEMINARS

## QUASINORMABILITY AND DIAMETRAL DIMENSION OF FRÉCHET SPACES

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**Abstract:** There are two versions of diametral dimension of locally convex spaces; in one only the neighborhoods are used and in the other bounded sets and neighborhoods. Even for  $F$ -spaces these two versions do not coincide. The concept of quasinormability plays a natural role in linking the different versions.

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