

**Diophantine Approximation, Fractal Geometry and Related topics /  
Approximation diophantienne, géométrie fractale et sujets connexes**

ID de Contribution: 28

Type: **Non spécifié**

## **Prasuna Bandi**

*vendredi 7 juin 2024 11:40 (30 minutes)*

Exact weighted approximation

I will discuss the results on the Exact  $\psi$ -approximable set in Diophantine approximation. Further, in the weighted setting, we will show that its Hausdorff dimension is equal to that of the  $\psi$ -well approximable set under certain conditions on  $\psi$ . This is a joint work with Reynold Fregoli.