

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

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Exact weighted approximation

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