

1154-42-2135

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*Discrete directional maximal function along the primes.*

We study a discrete directional maximal operator along the set of the prime numbers. We show existence of a set of lattice points near a large discrete sphere, for which the  $\ell^2$  norm of the maximal operator with supremum taken over all large scales grows with an epsilon power in the number of the directions. (Received September 17, 2019)