VINOGRADOV'S THEOREM WITH PIATETSKI-SHAPIRO PRIMES

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ABSTRACT: In this talk, we first introduce some results related to the number of Piatetski-Shapiro primes and transference principle. Then we would like to introduce how to combine sieve methods with transference principle to prove Vinogradov's three primes theorem with Piatetski-Shapiro primes, which improves the previous result given by Kumchev. This is a joint work with Shanshan Du and Hao Pan.

