



Karlstad Applied Analysis Seminar (2021)

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January 12, Monday, 10:30

Discrepancy, pseudorandom numbers and primes

Abstract

I will give an elementary survey of some mathematical concepts belonging to the intersection of analysis and number theory. In particular, I will discuss equidistribution, discrepancy, pseudorandom numbers and asymptotics for primes. I will base my talk on the recent note [1], but the focus will be on topics of general interest.

[1] M. Lind, "A sharp estimate of the discrepancy of a concatenation sequence of inversive pseudorandom numbers with consecutive primes", Int. J. Number Theory, to appear