

Lyapunov Exponents Of Products Of Random Matrices

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Lyapunov Exponents Of Products Of

an encoding quantity is given by the Lyapunov exponents and Oseledets filtration which, through the Oseledets multiplicative ergodic theorem, fully govern the dynamics of random products of matrices. Following Kingman's ergodic theorem [17], the typical way to device the existence of such average

Lu 's Miguel Sampaio October 14, 2021 arXiv:2109.13060v3 ...

The denominator of the right side here expands to a series whose exponents all have the $(3m^2 + m)/2$ "pentagonal number" form; Euler found an ingenious proof of this now called "one of his most profound discoveries", relevant in the theory of elliptic modular functions. Another marvelous theorem in partition theory due to Euler states that the ...

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