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The growth of Hadamard product of random Dirichlet series. (Chinese. English summary)

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Summary: By using the theory of random Dirichlet series, and combining the properties of Hadamard product, the growth of the Hadamard product of random Dirichlet series is studied. Some results about q -order, lower q -order, q -type, lower q -type and double lower q -type between random Dirichlet series and random Dirichlet-Hadamard product series are obtained.

MSC:

30B50 Dirichlet series, exponential series and other series in one complex variable

30D15 Special classes of entire functions of one complex variable and growth estimates

Keywords:

random Dirichlet series; entire function; double lower q -type

Full Text: [DOI](#)