

Conrey, J. Brian

The Riemann hypothesis. (English) Zbl 1160.11341

Notices Am. Math. Soc. 50, No. 3, 341-353 (2003).

Summary: The Clay mathematics Institute has offered one million dollars for a proof that the nontrivial zeros of the Riemann zeta function lie on a line. The author sketches some of the approaches to this famously difficult unsolved problem.

MSC:

[11M26](#) Nonreal zeros of $\zeta(s)$ and $L(s, \chi)$; Riemann and other hypotheses

[01A55](#) History of mathematics in the 19th century

[01A60](#) History of mathematics in the 20th century

[11-03](#) History of number theory

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