

Séminaire de théorie des nombres

Le 21 janvier 2008 à 14h

The Li Criterion and the Riemann Hypothesis for the Selberg Class

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Résumé : In this talk we recall some properties of a general class of Dirichlet series so called the Selberg Class. In this context, we extend the Weil positivity Criterion for the Riemann Hypothesis in terms of the positivity of a certain sequence which can be easily computed by Guinand-Weil's explicit formulas. Some open problems will be given at the end of the talk