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On the distribution of imaginary parts of zeros of derivatives of the Riemann ξ -function

Let $\xi(s)$ be the completed Riemann zeta-function. It is known that the Riemann hypothesis of $\xi(s)$ implies the Riemann hypothesis of $\xi^{(m)}(s)$, where m is a positive integer. We investigate some results on the distribution of imaginary parts of zeros of $\xi^{(m)}(s)$. We also obtain a zero density result of $\xi^{(m)}(s)$.