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Title: Pointwise approximation theorems for Meyer-König and Zeller–Durrmeyer operators

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In this paper, we give the estimates of the second and fourth-order moments for the Meyer-König and Zeller–Durrmeyer type operators. Secondly, using the equivalence between the unified moduli of smoothness $\omega^2_{\varphi^\lambda}(f,t)$ and the Peetre's K-functional $K^2_{\varphi^\lambda}(f,t^2)(0 \leq \lambda \leq 1)$, we obtain the direct, inverse and equivalence theorems for these operators.

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