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Extensions of Hiong's Inequality

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Abstract: In this paper, we treat the value distribution of $\phi f^{n-1} f^{(k)}$, where f is a transcendental meromorphic function, ϕ is a meromorphic function satisfying $T(r, \phi) = S(r, f)$, n and k are positive integers. We generalize some results of Hiong and Yu.



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