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On the Zeros of $af(f^{(k)})^n - 1$ for $n \geq 2$

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Abstract. Let f be a transcendental meromorphic function and n, k be two positive integers. Then $af(f^{(k)})^n - 1, n \geq 2$, has infinitely many zeros, where $a(z) \not\equiv 0$ is a meromorphic function such that $T(r, a) = S(r, f)$.

Keywords. Nevanlinna theory, meromorphic function.

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