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**Unicity Theorems for Meromorphic Functions
and their Derivatives**

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Abstract. Let f be a non-constant meromorphic function satisfying $ff' \neq 0$, and let $a \neq 0$ be a small function related to f . If $f(z) = a(z)$ whenever $f'(z) = a(z)$, then either $f \equiv f'$ or $f(z) = 2a/(1 - ce^{-2z})$, where a, c are two non-zero constants and $a(z) \equiv a$.

Keywords. Meromorphic function, unicity, small function.

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