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**Djamel Benbourenane and Risto Korhonen**  
**On the Growth of the Logarithmic Derivative**

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**Abstract.** We will prove that the inequality

$$m\left(r, \frac{f'}{f}\right) \leq \log^+\left(\frac{T(\rho, f)}{r} \frac{\rho}{\rho - r}\right) + 5.3078,$$

where  $\rho > r$ , holds for all meromorphic functions such that  $f(0) = 1$ . This is an improvement of an earlier result by Gol'dberg and Grinshtein [2].

**Keywords.** Logarithmic derivative, error term, growth, meromorphic function.

**2000 MSC.** Primary 30D35.

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