Argument Sum Rules From Differential Equations https://github.com/Nazgand/nazgandMathBook

 ${\bf Mark\ Andrew\ Gerads:\ {\bf Nazgand@Gmail.Com}}$

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Abstract

The goal of this paper is to deduce argument sum rules from differential equations.

$$f(z) = f''(z) \Rightarrow f(a+b) = \frac{f(a)(f(0)f(b) - f'(0)f'(b)) + f'(a)(f(0)f'(b) - f'(0)f(b))}{f(0)^2 - f'(0)^2}$$
(0.1)