

# My First L<sup>A</sup>T<sub>E</sub>X Document

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## 1 Introduction

**Theorem 1** *Let  $f(x)$  be equal to  $A^B$ , where  $A$  and  $B$  are both functions of  $x$ . Then,*

$$f'(x) = A' \ln(B) + \frac{A}{B}$$