

Type setting Mathematics in L^AT_EX

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1 Introduction

L^AT_EX features for typesetting mathematics make it a compelling choice for writing technical documents. This article shows the most basic commands needed to get started with writing math using L^AT_EX.

2 Displaying Mathematics

L^AT_EX allows two writing modes for mathematical expressions

2.1 Inline mode

inline math mode is used to write formulas that are part of a paragraph. we are going to insert a mathematical equation inline here using a pair of \$ signs:
 $E = mc^2$

2.2 Display mode

display math mode is used to write expressions that are not part of a paragraph, and are therefore put on separate lines.

$$E = mc^2 \tag{1}$$

$$E = mc^2$$

Alternative method

$$E = mc^2$$