

# Equations with AST Demo

Kleis Project

## Abstract

This document demonstrates equations stored with EditorNode AST that can be re-edited in the Equation Editor.

## Physics Equations

$$E = m \times c^2$$

The famous mass-energy equivalence equation.

$$x = \frac{+(-b, \sqrt{b^2 - 4 \times a})}{2 \times a}$$

The quadratic formula for solving  $ax^2 + bx + c = 0$ .