Mathematical Document Test

This document tests various mathematical expressions and their rendering. Inline Math Examples

Block Math Examples Basic Equations

Integrals

Matrix Operations

a & b \ c & d..." src="data:image/svg+xml;base64,PHN2ZyB3aWR0aD0iMjAwIiBoZWlnaHQ9IjYwIiB4bWxucz0iaHR0cDovL3d3dy53My5vcmcvMjAwMC9zdmciPgogICAgICAgICAgICAgICAgICAgIICAgICAgICAgICAgICAgIICAgICAgICAgICAgICAgIICAgICAgPHJlY3Qgd2lkdGg9IjIwMCIgaGVpZ2h0PSI2MCIgZmlsbD0iI2ZmZjBmMCIgc3Ryb2tlPSIjZmZjY2NjIi8+CiAgICAgICAgICAgICAgICAgICA8dGV4dCB4PSIxMDAiIHk9IjI1IiB0ZXh0LWFuY2hvcj0ibWlkZGxlIiBmb250LWZhbWlseT0iQXJpYWwiIGZvbnQtc2l6ZT0iMTIiIGZpbGw9IiM2NjYiPk1hdGggRXhwcmVzc2lvbiB2dGV4dD4KICAgICAgICAgICAgICAgIDx0ZXh0IHg9IjEwMCIgeT0iNDUiIHRleHQtYW5jaG9yPSJtaWRkbGUiIGZvbnQtZmFtaWx5PSJtb25vc3BhY2UiIGZvbnQtc2l6ZT0iMTAiIGZpbGw9Ik5OOTkiPlxiZWdpbntwbWF0cml4fQogICAgICAgIGIcXApICYgZC4uLjwvdGV4dD4KICAgICAgICAgICAgICAgICAgPC9zdmc+
" />
Summations and Series

Complex Equations

Greek Letters and Sets

Trigonometric Functions

Limits

Fractions and Roots

Mixed Content

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def fibonacci(n):
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if n And then a mermaid diagram:

Finally, another block equation:

Error Testing

This might cause issues (intentionally malformed): $\frac{incomplete