

DEMO101 Notes: typst_demo

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1 Text Colors

This text is red.

This text is orange.

This text is yellow.

This text is green.

This text is blue.

This text is purple.

2 Alignment

centered text

3 Math Symbols

Sign function: $\text{sign}(n)$

Arg max: $\text{argmax}(m)$

Epsilon closure: $\varepsilon\text{-closure}(q)$

Indicator variable : $\mathbb{1}_{X \geq 0}$

4 MAA-Style Boxes

Definition 1

A **metric space** is a set X with a function $d : X \times X \rightarrow \mathbb{R}$ satisfying ...

text

Definition 2 (hi)

abcd

text

Remark 1

This is numbered in the same sequence as definitions, examples, observations.

text

Example 1 (Discrete metric)

Let $d(x, y) = 0$ if $x = y$ and 1 otherwise.

text

Observation 1

Every metric induces a topology.

text

more text

Proof

Argue that open balls form a basis, then ...

■

text