

Formatting Technical Memo with Quarto

A minimum example

First Author 
Magic Technologies SA
abc@email.ch

Summary This is an minimum technical memo containing the usual elements of technical writing: figure, table, equation, citation, bibliography, code snippet, and appendix. The document is rendered to PDF by Quarto with a custom extension which provides several styles. A memo style (inspired from Tufte handout style) for brief report, a 2-column paper style for scientific article, and a A3 poster style. The PDF is rendered with the modern Typst engine, which is built into Quarto.

Keywords: Quarto, technical writing, memo, paper, poster

1 Overview

The document contains all standard elements of a technical writing. $f(x) = x^2$ is an inline equation while eq. (1) is a numbered equation. [1] is a citation in IEEE style. Figure 1 shows a numbered figure. Table 1 is a numbered table. Here is a physical quantity: 1 μ T (1 microtesla), note the thin non-breaking space. In IEEE legacy PDF, one need to use the math mode or the SI unit package to render the greek letters. Syntax highlighting is supported in code snippets. Moreover, callout boxes are available for tips, notes, warnings, and important remarks.

In memo style, margin notes are supported, including small inline image and equation $e^{\pi i} + 1 = 0$.

They shouldn't be used in 2-column paper style.

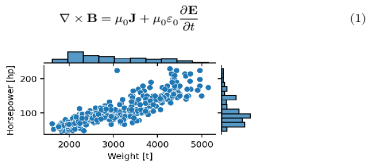


Figure 1: Figure caption.

Table 1: Example of engineering table

Parameter	Symbol	Typ	Unit
Hall sensitivity	S_H	0.2	V/T
Effective nr. of bits	ENOB	12	-

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def f(x, square=True):  
  # Python code snippet  
  return (x**2) if square else x
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Markdown syntax

The document is written in Markdown, a plain-text **easy syntax**. See the [Quarto documentation](#).

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References

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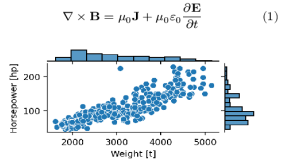


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Formatting Technical Memo with Quarto

First Author | 15-Sep-2025 (17:54)



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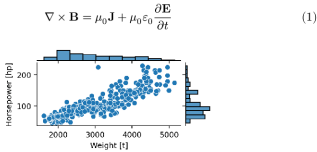



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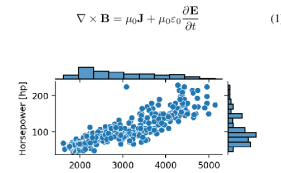


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