

Formatting Technical Memo with Quarto

A minimum example using the quarto-tech-memo extension

First Author¹
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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

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$$\nabla \times \mathbf{B} = \mu_0 \mathbf{J} + \mu_0 \epsilon_0 \frac{\partial \mathbf{E}}{\partial t} \quad (1)$$

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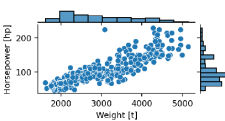


Figure 1: Figure caption.

1

2

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

Syntax highlighting is supported in code snippet too. Moreover, callout boxes are available for tips, notes, warnings, and important remarks, with appropriate icons or colors.

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

i Markdown syntax


The manuscript is written in `Markdown`, a plain-text `easy syntax`.

2 Dummy text

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References

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
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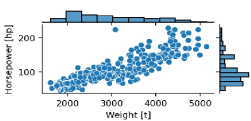


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
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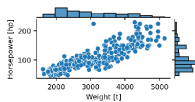


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
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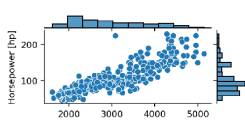


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