

... especially proofs.

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Tips for Mathematical Writing

Adapted from *Book of Proof* by Richard Hammack, please consult pages 107–109 from his book for more details.

1. Begin each sentence with a word, not a mathematical symbol.
2. End each sentence with a period, even when the sentence ends with a mathematical symbol.
3. Separate mathematical symbols and expressions with words.
4. Avoid misuse of symbols.
5. Avoid using unnecessary symbols.
6. Use the first person plural (“we” or “us”).
7. Use the active voice.
8. **Explain each new symbol!!!**
9. Watch out for “it.”
10. Since, because, as for, so. Use these as conjunctions between statements (i.e. variations of *if ... then*).
11. Thus, hence, therefore, consequently.
12. Clarity is the gold standard of mathematical writing.