

# Technical Editing & Documentation Services

As a physicist-developer with extensive experience in scientific communication, I offer specialized technical editing services that bridge the gap between complex technical content and its intended audience. My editing approach combines rigorous technical verification with clear communication principles honed through years of academic writing and software documentation.

## Technical Editing Specializations

- **Scientific & Mathematical Content:**
  - Verification of derivations and mathematical notation
  - Consistency checking for physical units and constants
  - Cross-referencing between equations, figures, and text
- **Computational Documentation:**
  - API documentation review and refinement
  - Code comment enhancement for clarity
  - Algorithm pseudocode standardization
- **Research Publications:**
  - Structure optimization for technical papers
  - Results presentation refinement
  - Literature review organization

## Unique Value Proposition

My technical editing stands apart through:

<b>Physics-Informed Editing</b>	Content verification by subject expert
<b>Developer Perspective</b>	Understands implementation realities
<b>Educational Approach</b>	Ensures accessibility for target audience
<b>Multi-Format Proficiency</b>	LaTeX, Markdown, Jupyter, & traditional docs

## Editing Methodology

I employ a three-phase editorial process:

1. **Technical Validation:**
  - Verify all technical content accuracy
  - Check internal consistency of arguments
  - Flag unsubstantiated claims
2. **Structural Editing:**
  - Improve information flow
  - Optimize section organization

- Balance detail levels

### **3. Language Refinement:**

- Clarify ambiguous statements
- Standardize terminology
- Adjust tone for audience

## **Document Types I Regularly Edit**

- Scientific papers and preprints
- Technical reports and whitepapers
- Research grant proposals
- Software documentation
- Technical blog posts
- Educational materials
- Conference presentations

## **Technical Editing Deliverables**

Clients receive:

- Tracked changes version with all edits
- Separate editorial report with:
  - Major technical concerns
  - Organizational recommendations
  - Audience-specific suggestions
- Optional follow-up consultation
- LaTeX-specific formatting fixes (when applicable)

## **Collaboration Process**

1. Initial document assessment (free 1-page sample edit available)
2. Scope agreement and timeline establishment
3. Client review and discussion
4. Final polish incorporating feedback
5. Delivery of all editorial materials

My editing service is particularly valuable for:

- Researchers needing verification before journal submission
- Developers creating public-facing documentation
- Technical teams preparing grant applications
- Educators developing course materials

All edits maintain the original author's voice while enhancing precision, clarity, and scientific rigor. I specialize in making complex technical content accessible without sacrificing accuracy or depth.