

# Authoring Since 2018

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In 2018, my research was concentrated in **quantum computer**, especially superconducting quantum computer, but since 2019 I have taken a final decision to fix my research on **satellite broadband** Internet related **modulation and demodulation IC** technologies and design. This research orientation will be final.

Therefore in my future years my writing will be as follows:

- the writing of my mother's biography,
- the writing of my autobiography,
- and possibly one or two book(s) or papers in IC design for satellite Internet communications, particularly modulation and demodulation technologies.

Apart from these, I might also prepare for some business reports in the IC industry, particularly in the satellite internet industry, and possibly in other areas of businesses.

From time to time I might also write something important in our time.

And if I could be admitted into theological studies at a university or college or seminary, I would also plan to write one or two works in this direction.

And finally I need to maintain my two websites, one for satellite Internet, and the other is my private site. In addition to these I may maintain my presence on the web with my blogs, social media sites etc.

The above basically depicts all what I need to write in my late years. The crazy writing years of 2007-2017 is forever over.

## **ACADEMIC WRITING**

### **Satellite Internet Modem Design**

### **Modulator, Demodulator, Modem ICs for Satellite Internet Terminals - Ongoing**

Ongoing

Modulator, Demodulator, Modem ICs for Satellite Internet Terminals.docx

This design involves a lot of relevant technologies, for example:

algorithms.docx

coding\_error\_correction.docx

CORDIC.docx

dac\_adc.docx

decimators\_interpolators.docx

design\_methodologies.docx

filtering.docx

framing.docx

frequency\_bands.docx

frequency\_conversion.docx

interleaving.docx

local\_oscillator.docx

mapping.docx

mode\_adaptation.docx

modulations\_demodulation.docx

phase\_lock\_loop.docx

scrambling.docx

standards\_protocols.docx

stream\_adaptation.docx

systems.docx

## Quantum Computer (Stopped)

## Quantum Computer in General (Stopped)

Following documents were being prepared:

quantum\_intro

quantum\_research\_plan

quantum\_studies\_schedule

quantum\_computer\_writing\_plan

quantum\_algebra

quantum\_Turing\_machine

quantum\_algorithms

quantum\_arithmetic

quantum\_basics

quantum\_chip

quantum\_circuits

quantum\_communication

quantum\_complexity

quantum\_computation

quantum\_computer

quantum\_computing

quantum\_device  
quantum\_electronics  
quantum\_gates  
quantum\_general  
quantum\_informatics  
quantum\_information  
quantum\_logic  
quantum\_mechanics  
quantum\_network  
quantum\_optics  
quantum\_physics  
quantum\_probability  
quantum\_processor  
quantum\_programming  
quantum\_qubits  
quantum\_register  
quantum\_researchers  
quantum\_switching  
quantum\_technologies  
quantum\_theory  
quantum\_wires  
graph4quantum

# Superconducting Qumputer (Stopped)

Stopped

ResearchWritingProject4SuperconductingQumputer\_Letter\_DE.docx

ResearchWritingProject4SuperconductingQumputer\_Letter\_EN.docx

ResearchWritingProject4SuperconductingQumputer\_Letter\_FR.docx

ResearchWritingProject4SuperconductingQumputer\_Plan\_DE.docx

ResearchWritingProject4SuperconductingQumputer\_Plan\_DE.pdf

ResearchWritingProject4SuperconductingQumputer\_Plan\_EN.docx

ResearchWritingProject4SuperconductingQumputer\_Plan\_EN.pdf

ResearchWritingProject4SuperconductingQumputer\_Plan\_FR.docx

ResearchWritingProject4SuperconductingQumputer\_Plan\_FR.pdf

SuperconductingQumputer19People.docx

SuperconductingQumputer01Definitions.docx

SuperconductingQumputer02Theories.docx

SuperconductingQumputer03AlgorithmsApplications.docx

SuperconductingQumputer04Types.docx

SuperconductingQumputer05ArchitectureStructures.docx

SuperconductingQumputer06Materials.docx

SuperconductingQumputer07Designs.docx

SuperconductingQumputer08Features.docx

SuperconductingQumputer09Manufacturing.docx

SuperconductingQumputer10MeasurementControl.docx

SuperconductingQumputer11CalibrationCharacterization.docx

SuperconductingQumputer12Tests.docx

SuperconductingQumputer13Operations.docx

SuperconductingQumputer13OperationsCoherence.docx

SuperconductingQumputer13OperationsDecoherence.docx

SuperconductingQumputer13OperationsEntanglement.docx

SuperconductingQumputer13OperationsErrorCorrection.docx

SuperconductingQumputer13OperationsFaultTolerance.docx

SuperconductingQumputer13OperationsInterference.docx

SuperconductingQumputer13OperationsSuperposition.docx

SuperconductingQumputer13OperationsTeleportation.docx

SuperconductingQumputer14QuantumGates.docx

SuperconductingQumputer15QuantumCircuits.docx

SuperconductingQumputer16QuantumComputer.docx

SuperconductingQumputer17Software.docx

SuperconductingQumputer18Breakthroughs.docx

SuperconductingQumputer20Organizations.docx

SuperconductingQumputer22Literature.docx

## Graph Theory (Stopped)

Hypergraph partition pp210

Hypergraph modeling of circuits - general, pp40

## APPLICATION WRITING

Software reverse engineering (Stopped)

pp350

Network security technologies (Stopped)  
pp80

## **BUSINESS WRITING**

China Satellite Broadband MONTHLY REPORT, presentation, pp50  
China IC MONTHLY REPORT, A Brief Introduction, pp50

## **OTHERS**

Mother's biography – suspended  
Autobiography – suspended

## **WEBSITES**

<http://www.plutuse.com/>  
<http://www.angelia.space/>



