



















EDUCATION

Masterpiece (Inner)	Major	Degree	Credential (Outer)	University - QS	Grad. 
Nonlinear Fourier Optics 	Optical Engineering ¹	Ph.D.	 Q.E. - Top 15% 	Nanjing U. - 140	27' 2025
THz (> 6G) OAM Source 	Quantum Electronics	Master	Courses Score - 93.5 	Nanjing U. - 140	24' 2022
DDTank Auxiliary Tools 	Applied Physics ²	Bachelor	 GPA Rank - 1/400 	Northeastern U.	22' 2020
7 Notes → 3 Books 	Science	Awaken	Sichuan Prov. - Top 2%	Leshan No.1 H.S.	18' 2016

¹ **Thesis** - Analytic 3D vectorial linear non-uniform & nonlinear Fourier crystal optics in arbitrary $\bar{\bar{\epsilon}}, \bar{\bar{\chi}}$ dielectrics

² **Thesis** - Research & design of nonlinear holography based on lithium niobate 3D nonlinear photonic crystal

EXPERIENCE

2024.06	Next generation high N.A. 3D vector non-uniform analytic linear & nonlinear Fourier crystal optics 
2024.03	Tightly focus ⇒ High N.A. 3D vector non-uniform analytic linear & nonlinear Fourier crystal optics 
2023.12	Stressing z-component ⇒ 3D vector non-uniform analytic linear & nonlinear Fourier crystal optics 
2023.06	Involving $\bar{\bar{\chi}}_{\omega}^{(2)}$ anisotropy ⇒ Vector non-uniform analytic linear & nonlinear Fourier crystal optics 
2023.03	!Unitary $G_{\omega}^{\pm} \Leftarrow$!Hermitian $\bar{\bar{\epsilon}}_r^{\omega} \Rightarrow$ Non-uniform analytic linear & nonlinear Fourier crystal optics 
2022.09	Solution $\mathcal{F}[E_{\omega}^{\pm}]$ to $(\nabla^2 + k_{\omega\pm}^2) E_{\omega}^{\pm} \propto P_{\omega\pm}^{(2)} \Leftrightarrow$ Analytic linear & nonlinear Fourier crystal optics 
2022.06	Solution $\mathcal{F}[E_3] = \mathcal{F}[f(\mathcal{F}^{-1}[\cdot])]$ to the Eq. below \Leftrightarrow Nonlinear angular spectrum theory for SFG 
2022.03	Solution $\mathcal{F}[E_3] = \iiint f$ to $(\nabla^2 + k_3^2) E_3(\mathbf{r}) \propto P_3^{(2)}(\mathbf{r}) \Leftrightarrow$ Nonlinear convolution solution to SFG 

TEACHING

- **Head Teaching Assistant** at University Name Spring 2019
Course Name (COURSE CODE)
- **Teaching Assistant** at University Name Spring 2017
Course Name (COURSE CODE)

SKILLS

- **Skill Group:** List of technologies
- **Skill Group:** List of technologies
- **Skill Group:** List of technologies
- **Skill Group:** List of technologies

LANGUAGES

- **Language:** language proficiency level
- **EXAM:** details
- **Language:** language proficiency level
- **Language:** language proficiency level

PROJECTS

See full list of projects on example.com/projects

- Project Title (Technology Used, 2019)
Short explanation of the project
- Project Title (Technology Used, 2019)
Short explanation of the project

SCHOLARSHIPS AND AWARDS

- Some Scholarship 2018–2020
- Some Award 2018
- Some Award 2017
- Some Award 2016
- Some Scholarship 2013–2018
- Some Scholarship 2013–2018
- Some Award 2013

EXTRACURRICULAR ACTIVITIES

- Member at Some Club 2017–Current
Detailed explanation of what you do at this club
- Member at Some Club 2016–2017
Detailed explanation of what you do at this club
- Volunteer at Some Event Fall 2019
Detailed explanation of what you do in this event
- Volunteer at Some Event Winter 2015

Detailed explanation of what you do in this event