





























EDUCATION

Degree	Major	Credential (Outer)	Masterpiece (Inner)	Grad.
Doctor of Philosophy	Optical Engineering	 Q.E. - Top 15% 	Nonlinear Fourier Optics 	2025 '27
 Thesis - Analytic 3D vectorial linear non-uniform & nonlinear Fourier crystal optics in arbitrary $\bar{\bar{\epsilon}}, \bar{\bar{\chi}}$ dielectrics  				
Master 's Studies	Quantum Electronics	Courses Score - 93.5 	THz (> 6G) OAM Source 	2022 '24
 Affiliation - College of Engineering and Applied Sciences, Nanjing University, No.163 Xianlin Avenue, Nanjing, Jiangsu, China 				
Bachelor of Science	Applied Physics	 GPA Rank - 1/400 	DDTank Auxiliary Tools 	2020 '22
 Thesis - Research & design of nonlinear holography based on lithium niobate 3D nonlinear photonic crystal   				
Freshman in College	Science	Sichuan Prov. - Top 2%	7 Notes $\rightarrow$ 3 Books 	2016 '18
 Affiliation - School of Physics, College of Science, Northeastern University, No.3-11 Wenhua Road, Shenyang, Liaoning, China 				

ACADEMIC FOCUS

2024.06	Next generation high N.A. 3D vector non-uniform analytic linear & nonlinear Fourier crystal optics 
2024.03	!Paraxial $k_0^\omega \Rightarrow$ High N.A. 3D vector non-uniform analytic linear & nonlinear Fourier crystal optics 
2023.12	Emphasizing $G_{xyz}^\omega \Rightarrow$ 3D vector non-uniform analytic linear & nonlinear Fourier crystal optics 
2023.06	Involving $\bar{\bar{\chi}}_\omega^{(2)}$ anisotropy $\Rightarrow$ 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 $\mathcal{F}[E_3] = \iiint\!\!\!\int$ 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  
Course Name (COURSE CODE)
- Spring 2019
- **Teaching Assistant** at University Name  
Course Name (COURSE CODE)
- Spring 2017

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

HONORS & AWARDS

Academia	Doctor’s Qualification Exam (Oral)		Excellent		Top 15%	Nanjing	U.	2024.01
	Bachelor Dissertation & Defense		Excellent		1/90	Northeastern	U.	2020.06
Competition	Three Provinces Achievement Expo		Exhibition		Leader	Three	Prov.	2019.10
	“Challenge Cup” Tech Competition		Grand prize		Leader	Liaoning	Prov.	2019.06
Scholarships & Fellowships	Academic Fellowship		1st class		¥40,000	Nanjing	U.	2020-24
	“Jinchuan” Scholarship		1st place		¥5,000	Northeastern	U.	2019.04
	Academic Scholarship		1st place		¥2,000	Northeastern	U.	2018.06
	Entrance Scholarship		3rd place		¥5,000	Leshan No.1 H.S.		2013.09
Honors & Titles	Graduation with honor		Outstanding			Northeastern	U.	2020.07
	League Member		Excellent			Northeastern	U.	2019.11
	Undergraduate Student		Excellent			Northeastern	U.	2018.12
Memberships	Chinese Society for Optical Engineering		Member			Nanjing	U.	2018.12

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*