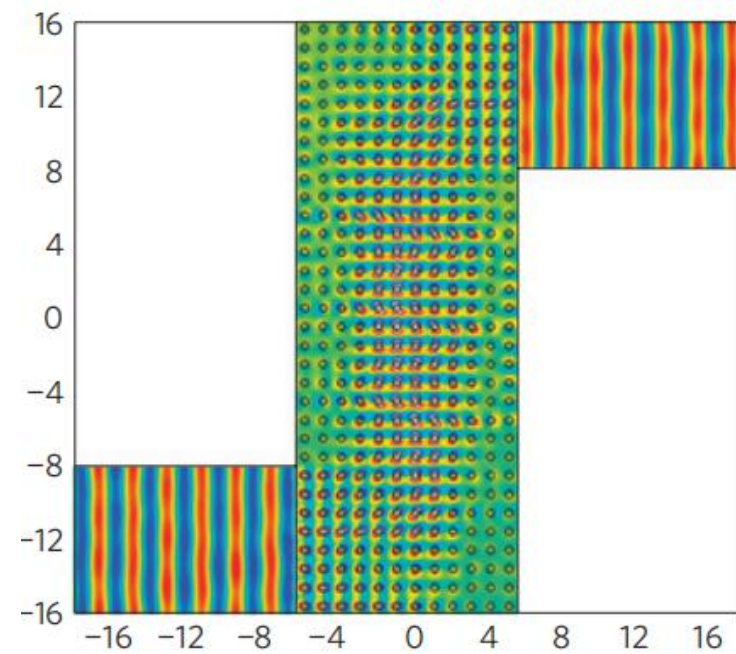
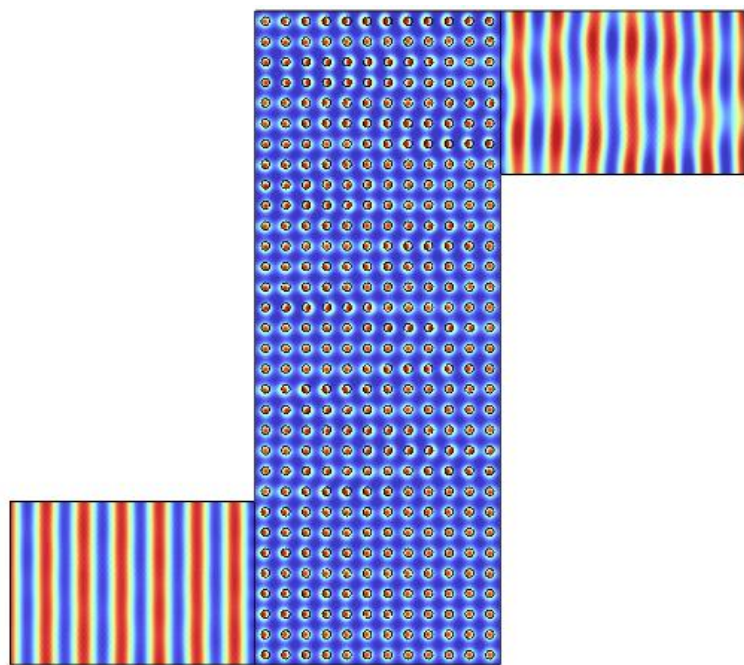
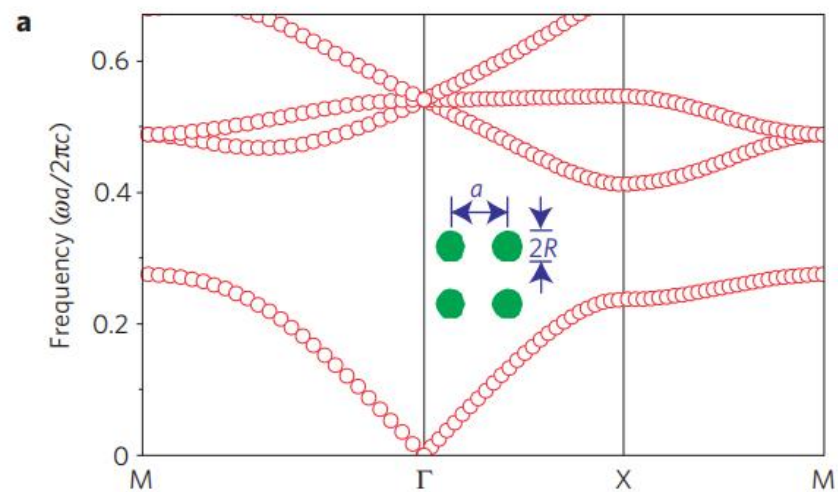
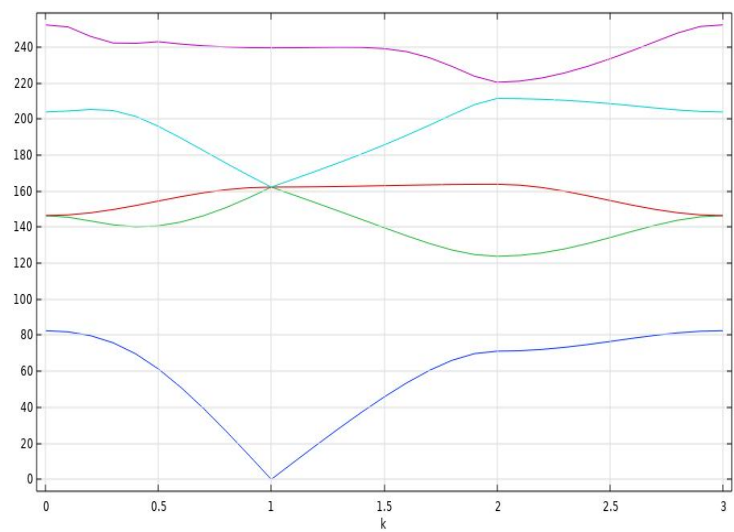
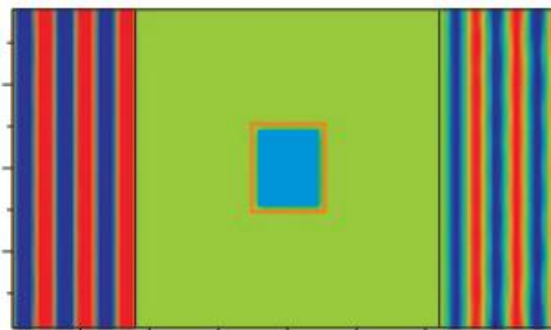
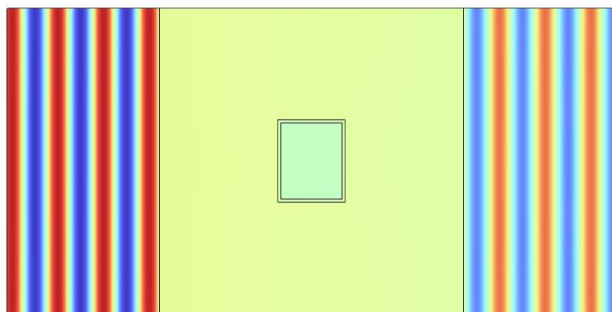
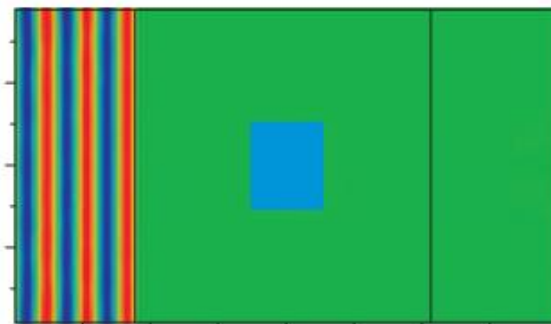
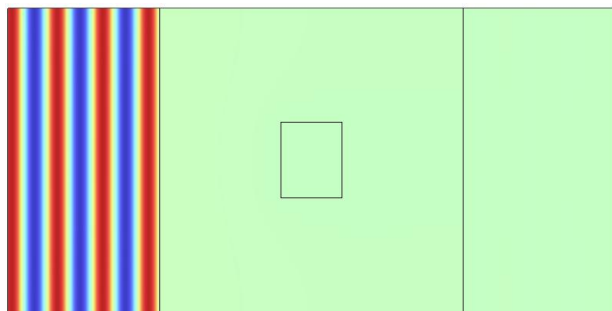
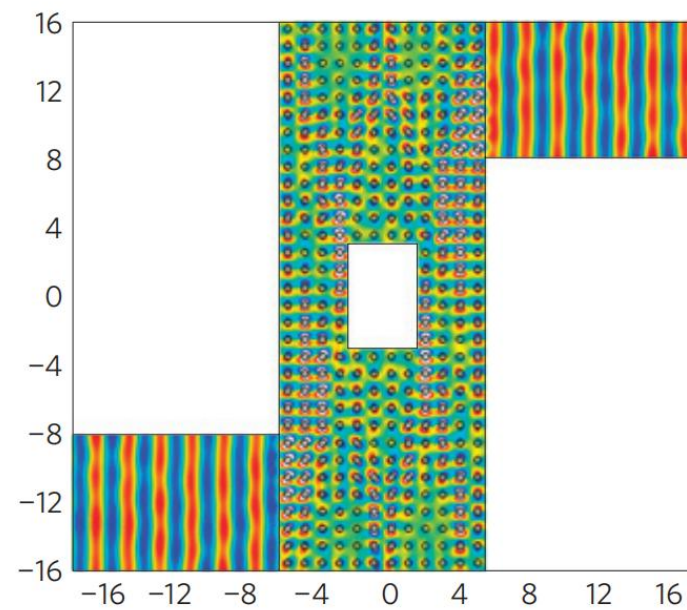
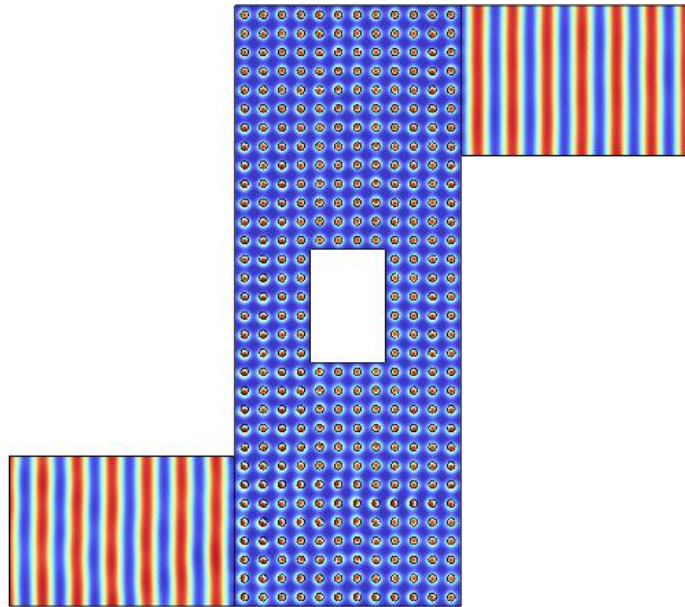
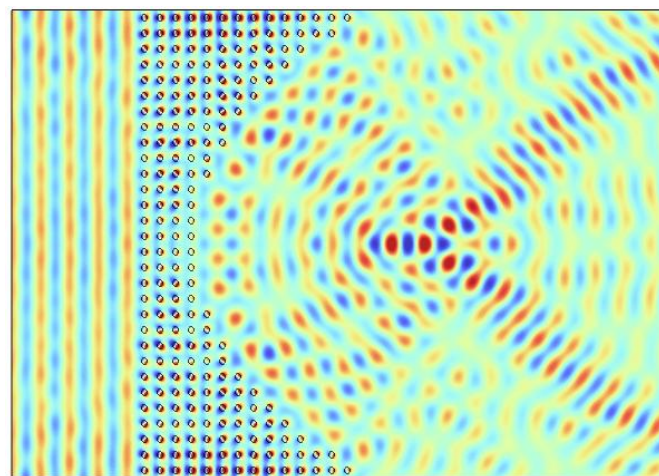
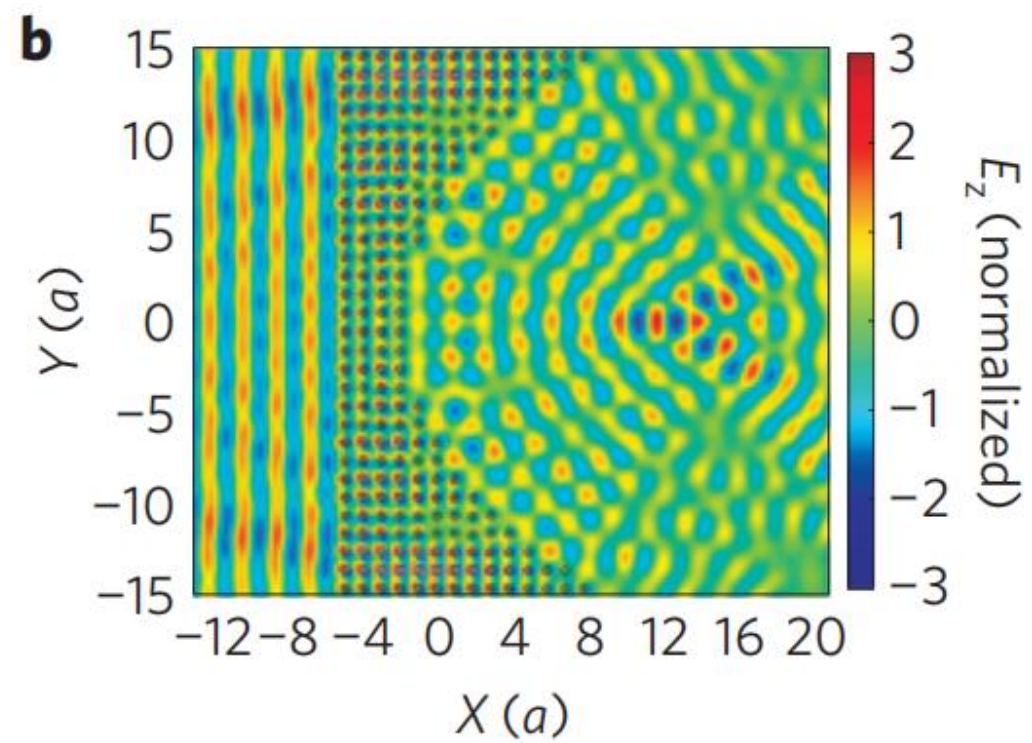
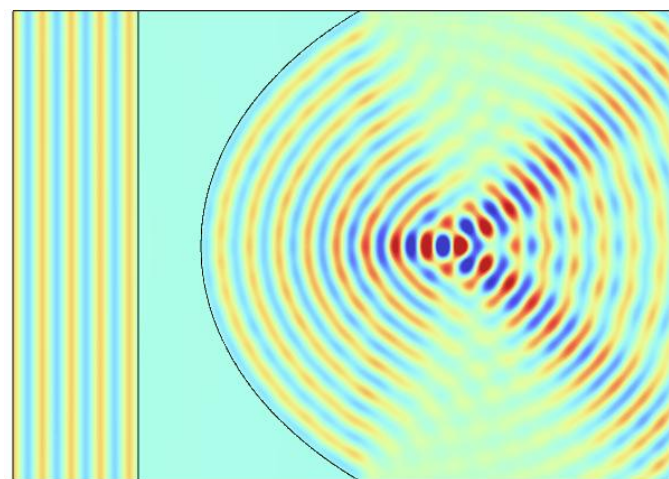
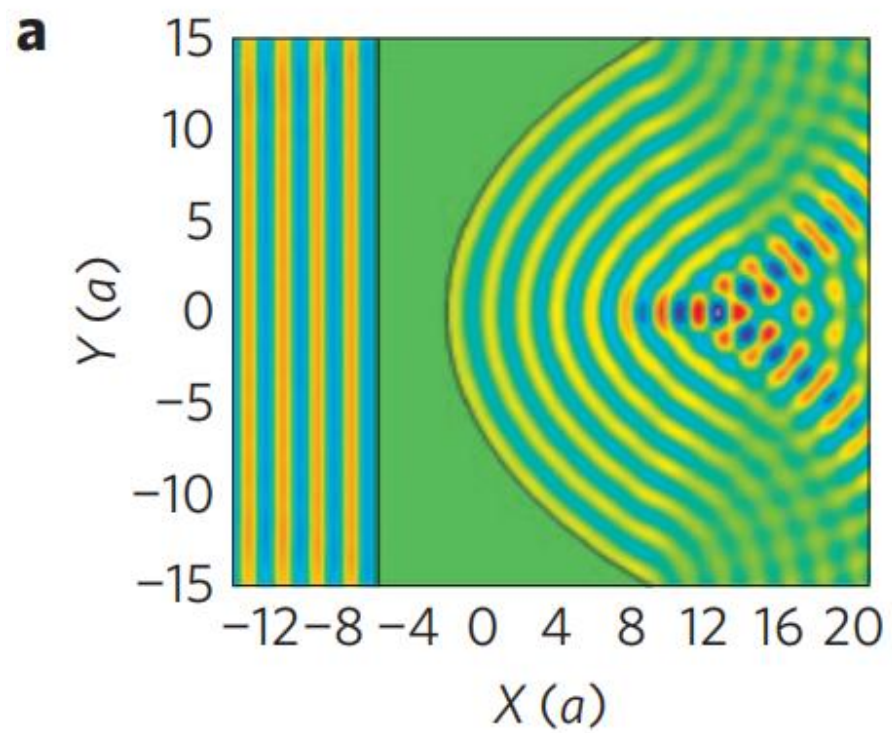


Dirac cones induced by accidental degeneracy in photonic crystals and zero-refractive-index materials

Xueqin Huang^{1†}, Yun Lai^{1,2†}, Zhi Hong Hang^{1†}, Huihuo Zheng¹ and C. T. Chan^{1★}







Epsilon-near-zero gratings for polarization selectivity

JIN QIN,¹  HAINAN HE,¹  CHANGQING XU,²  JIE LUO,^{3,4}  AND YUN LAI^{1,*} 

¹National Laboratory of Solid State Microstructures, School of Physics, and Collaborative Innovation Center of Advanced Microstructures, Nanjing University, Nanjing 210093, China

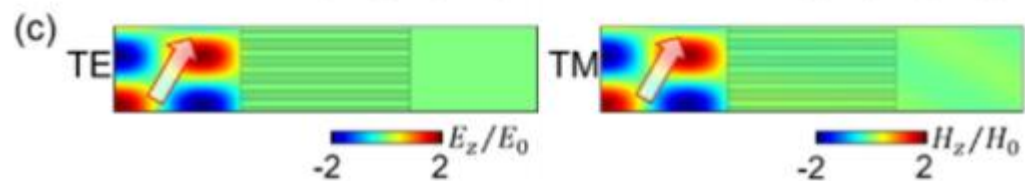
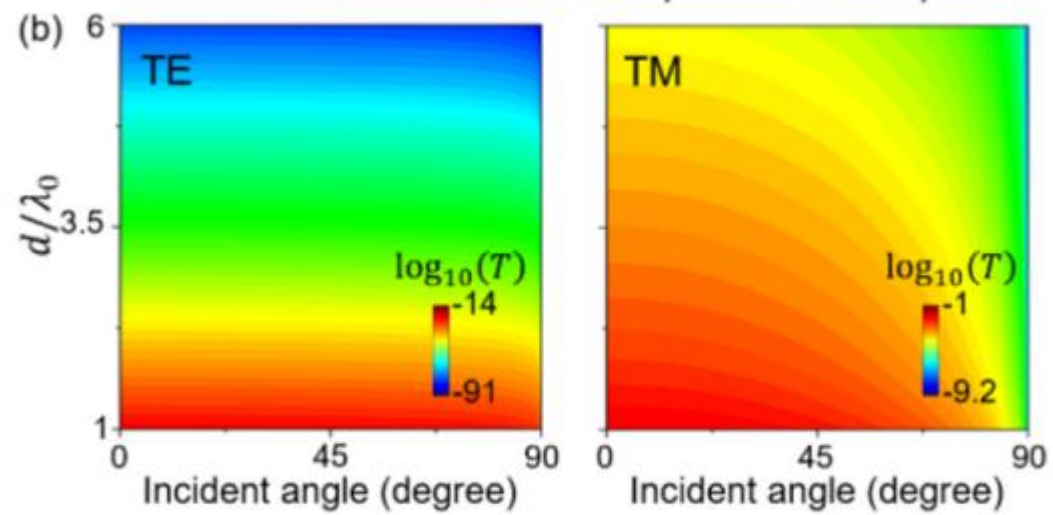
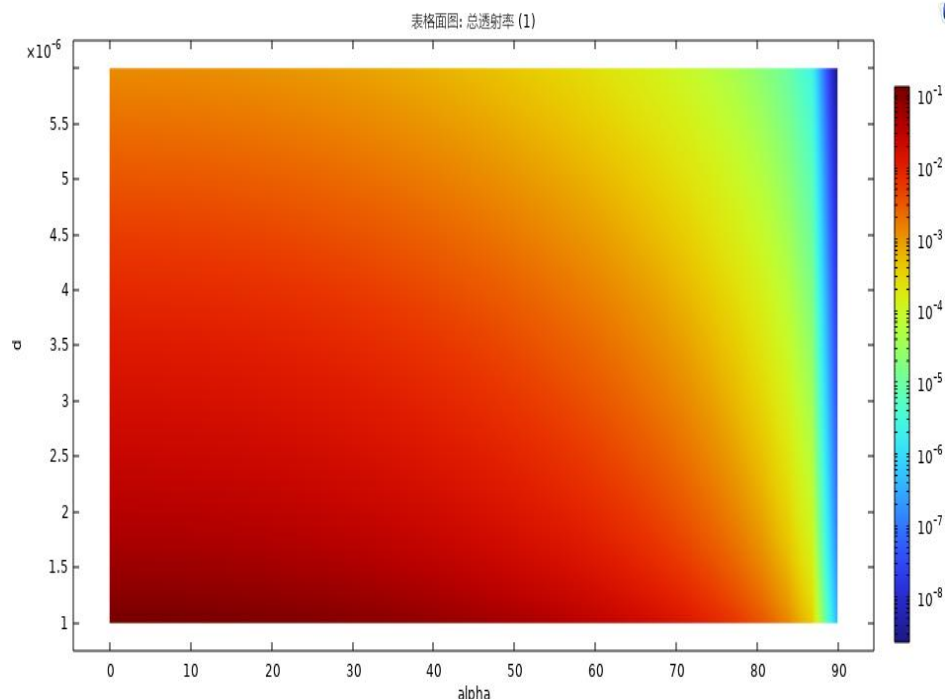
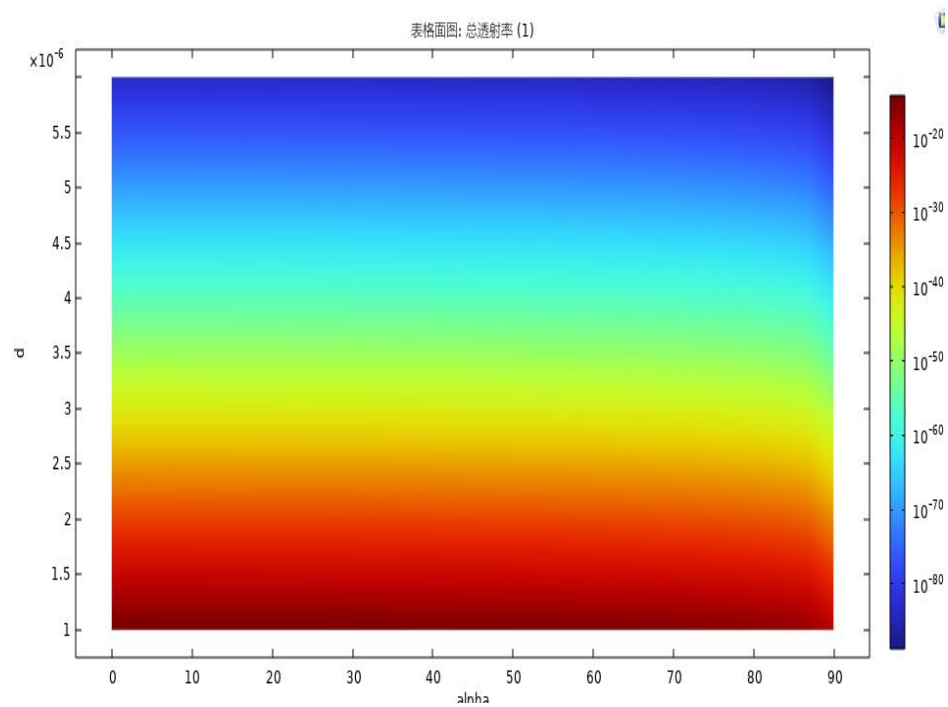
²Jiangsu Key Lab on Opto-Electronic Technology, School of Physics and Technology, Nanjing Normal University, Nanjing 210023, China

³Institute of Theoretical and Applied Physics, School of Physical Science and Technology, Soochow University, Suzhou 215006, China

⁴luojie@suda.edu.cn

*laiyun@nju.edu.cn

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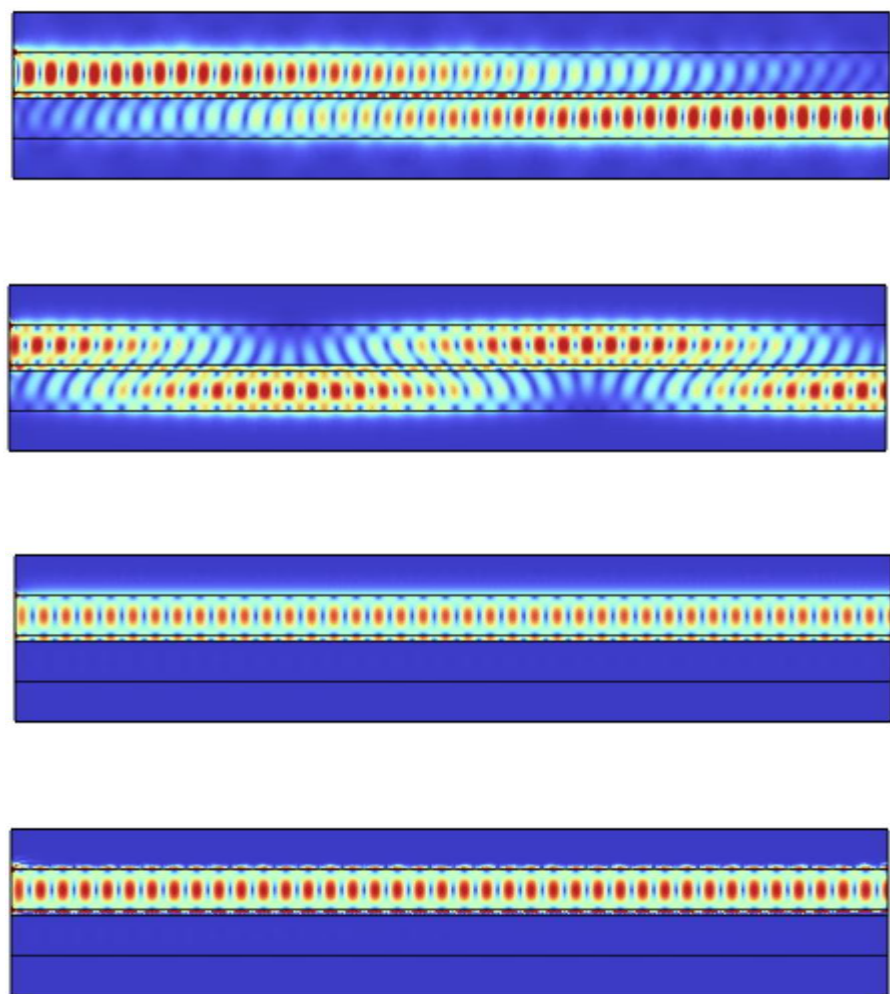
Wenjie Ji, Jie Luo*, Hongchen Chu, Xiaoxi Zhou, Xiangdong Meng, Ruwen Peng*, Mu Wang* and Yun Lai*

Crosstalk prohibition at the deep-subwavelength scale by epsilon-near-zero claddings

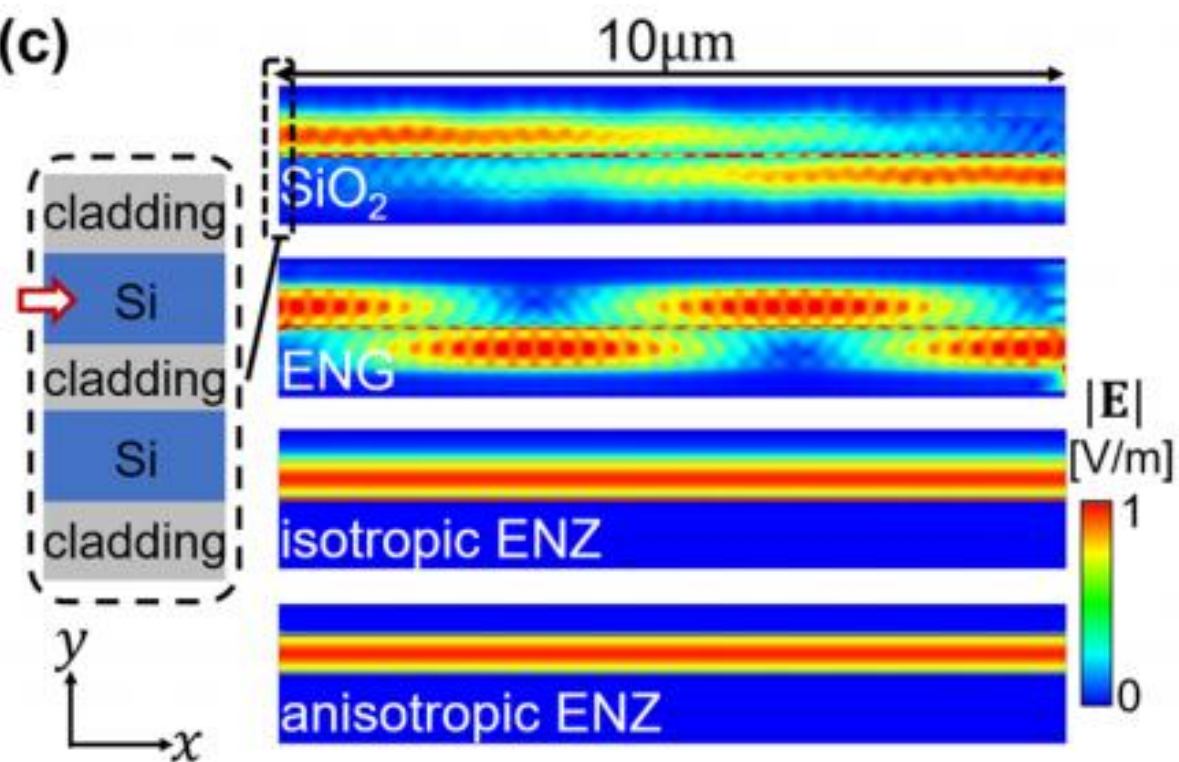
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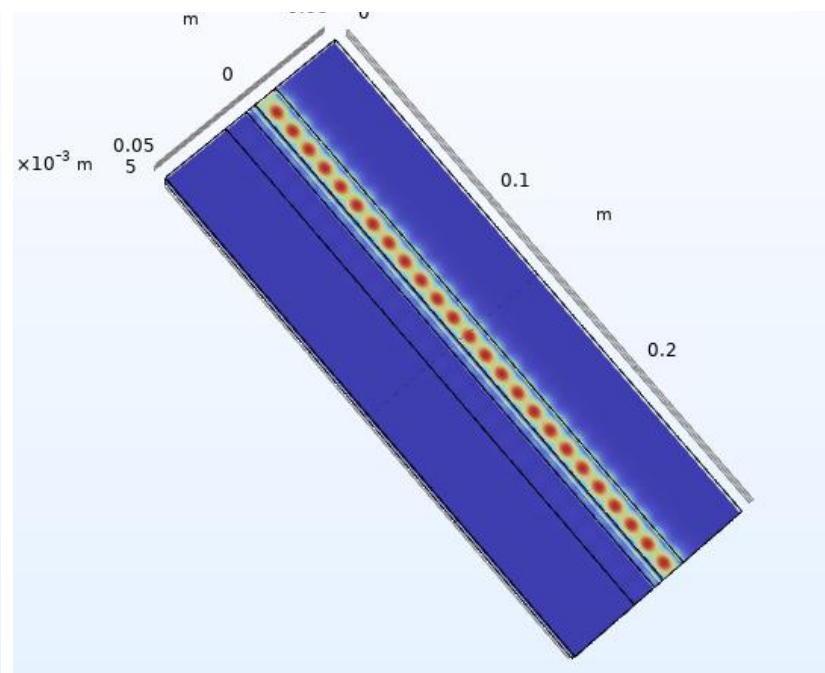
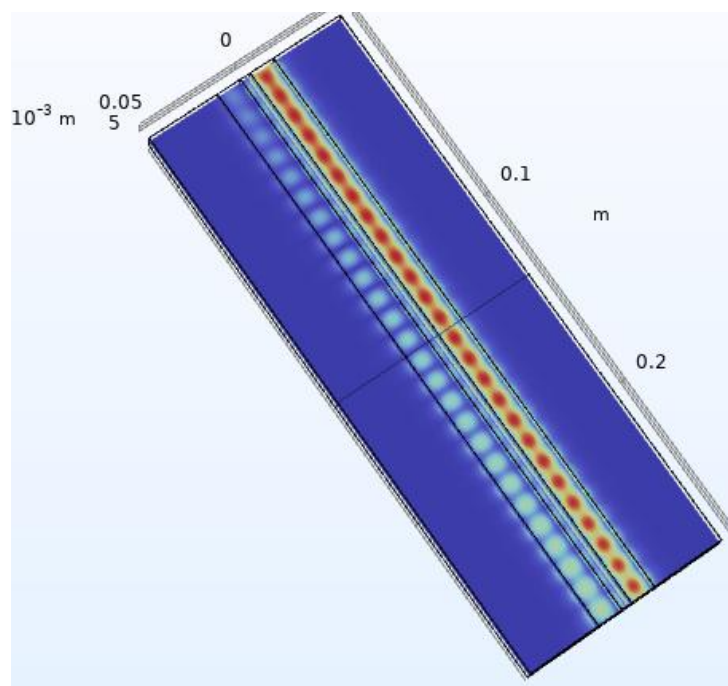
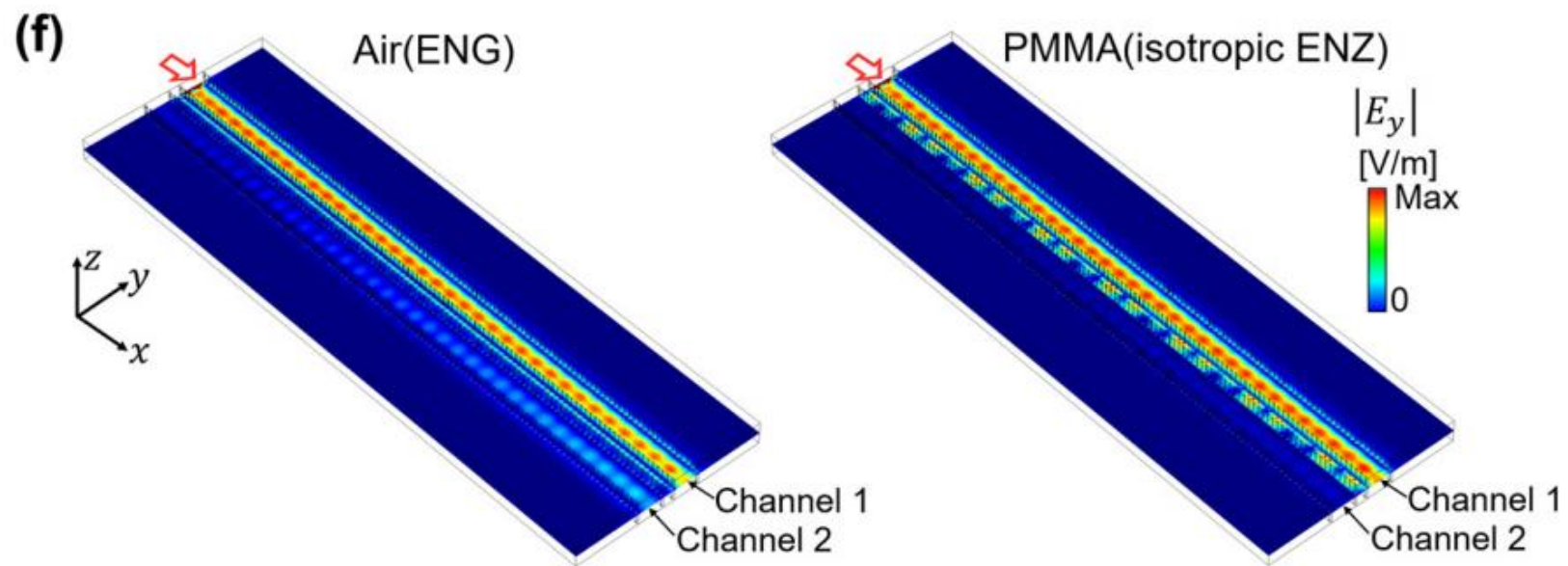
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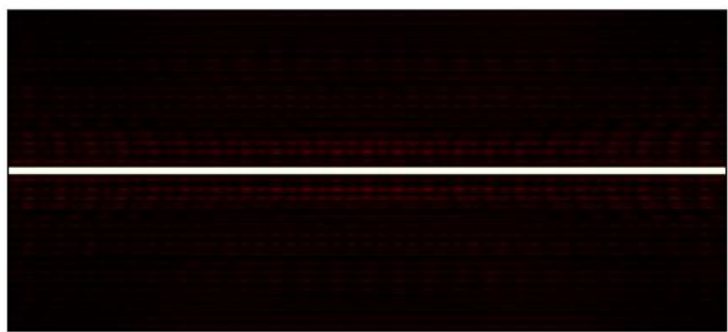
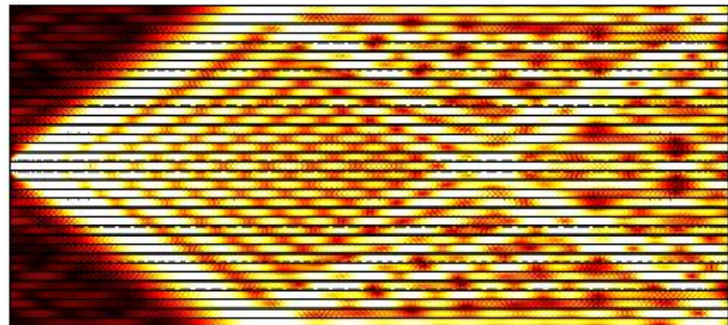
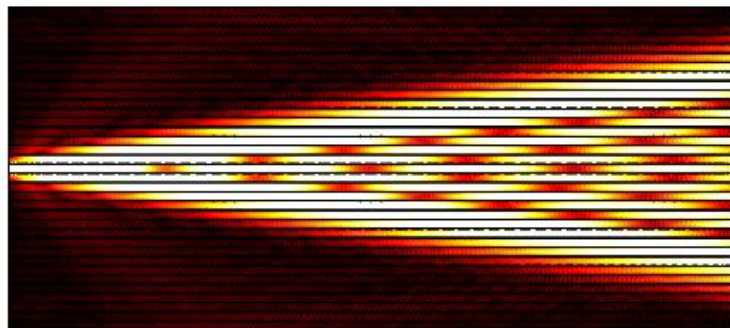
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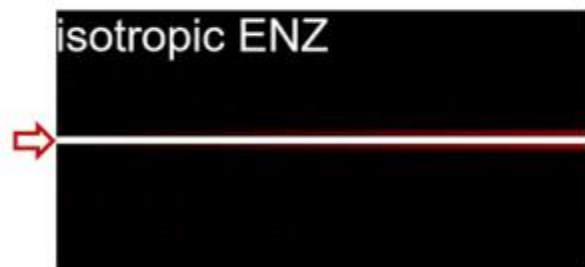
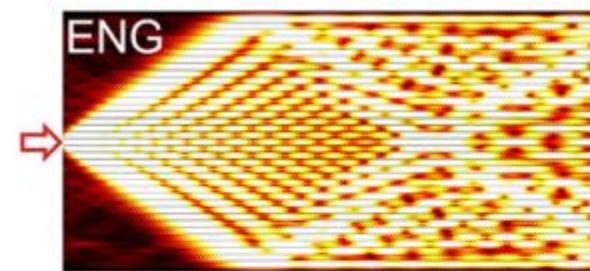
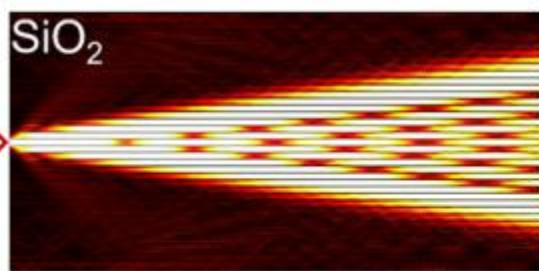
(c)





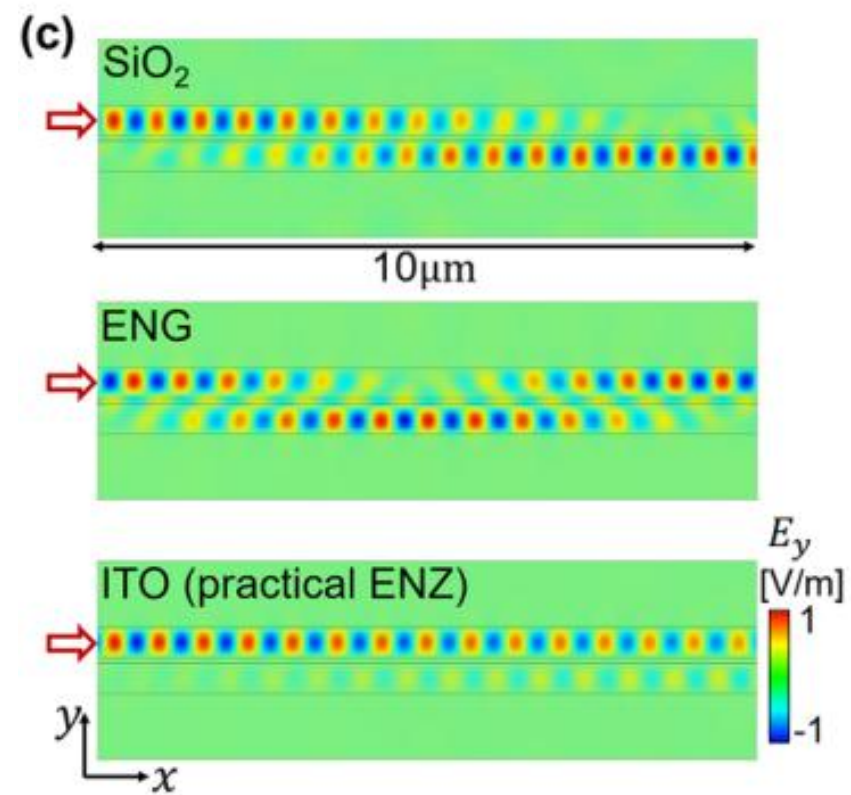
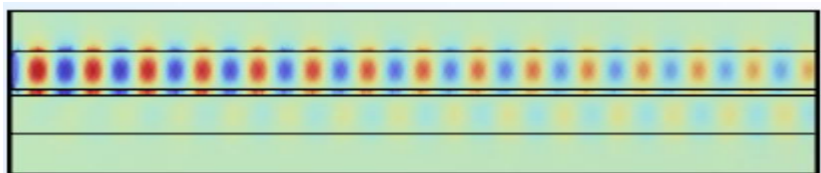
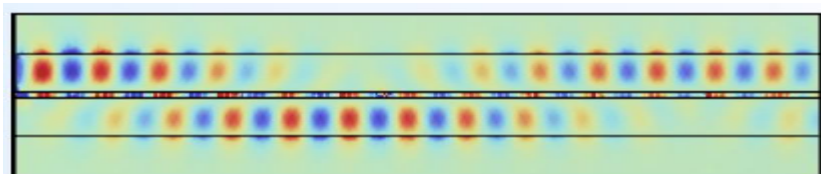
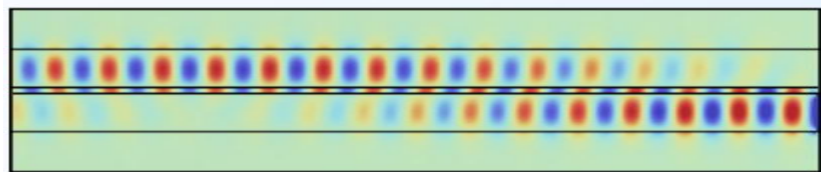


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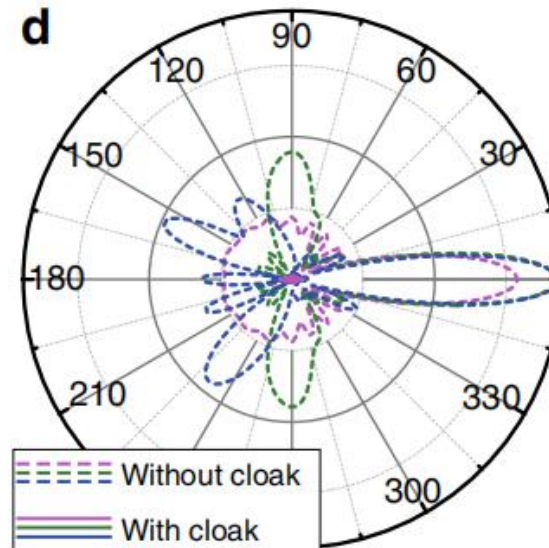
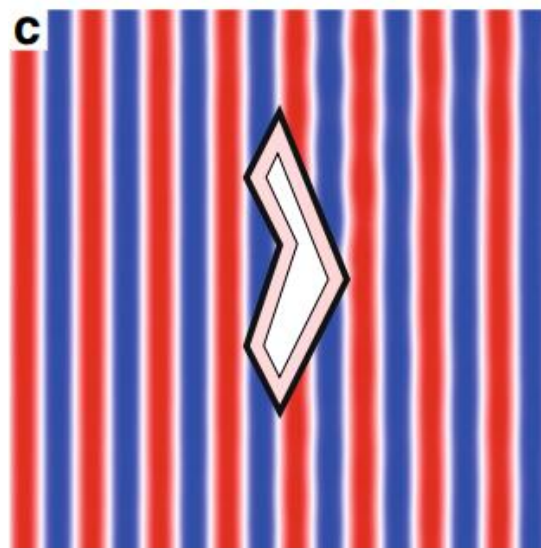
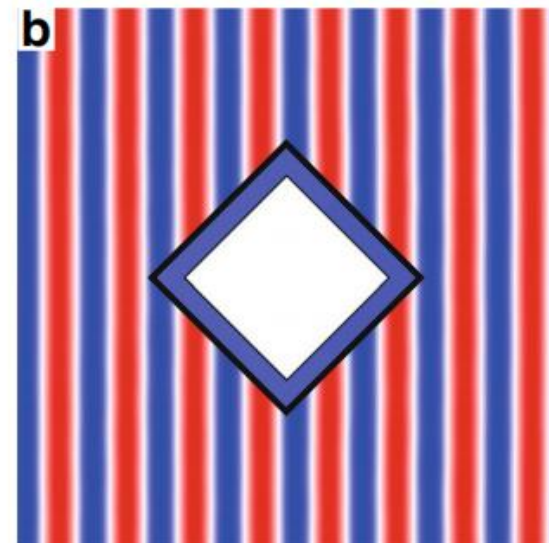
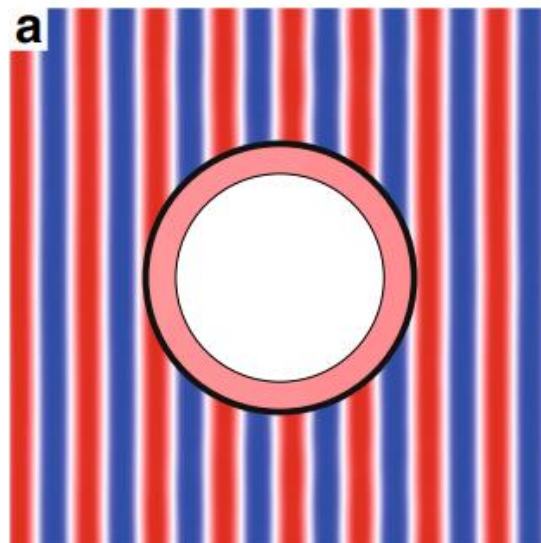
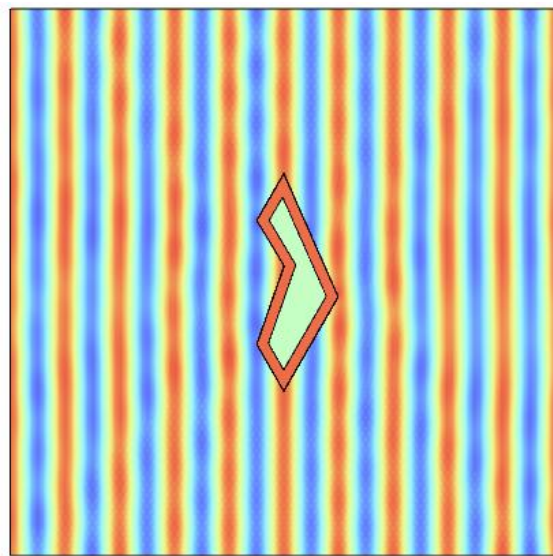
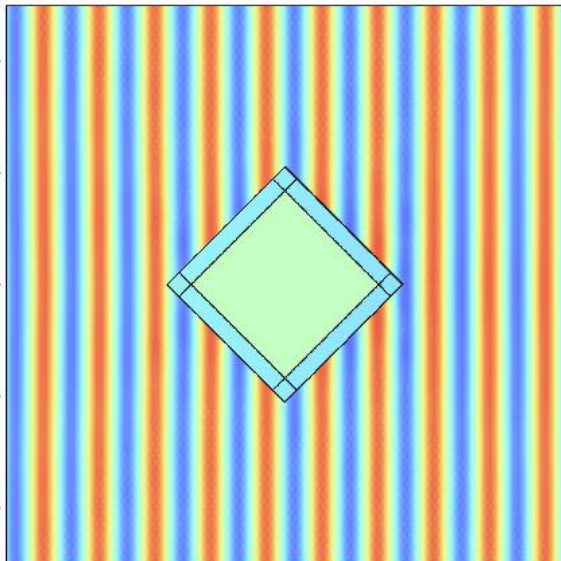
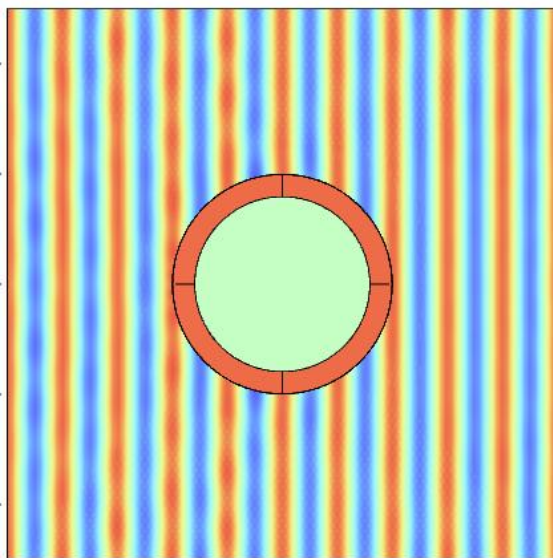


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A hybrid invisibility cloak based on integration of transparent metasurfaces and zero-index materials

Hongchen Chu ¹, Qi Li^{2,3}, Bingbing Liu¹, Jie Luo¹, Shulin Sun ^{4,5}, Zhi Hong Hang¹, Lei Zhou^{2,3} and Yun Lai^{1,3,6}

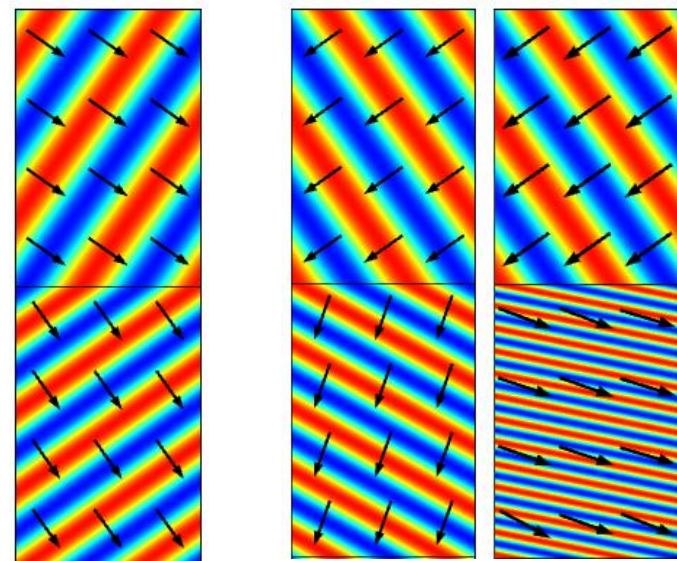
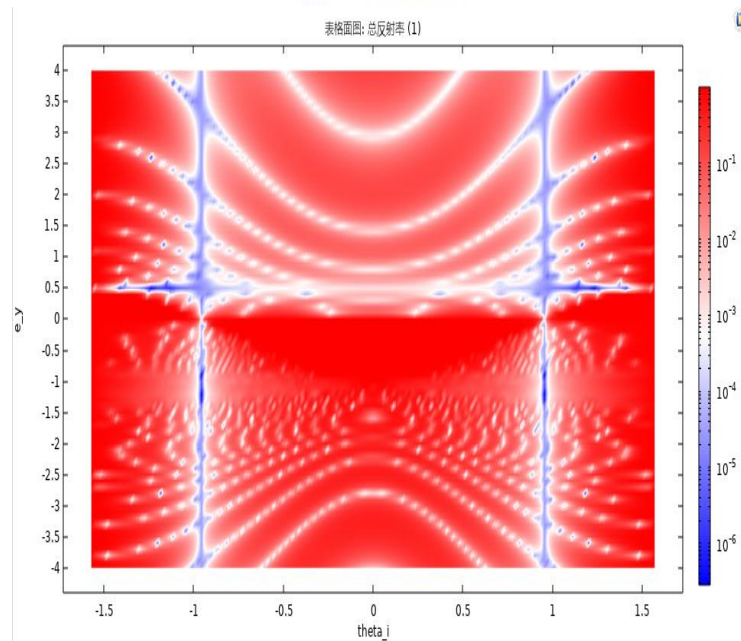
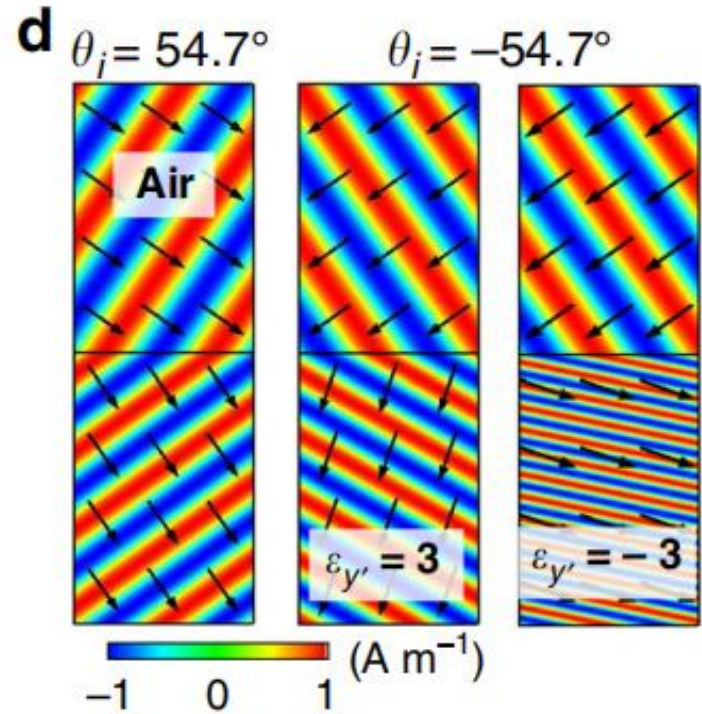
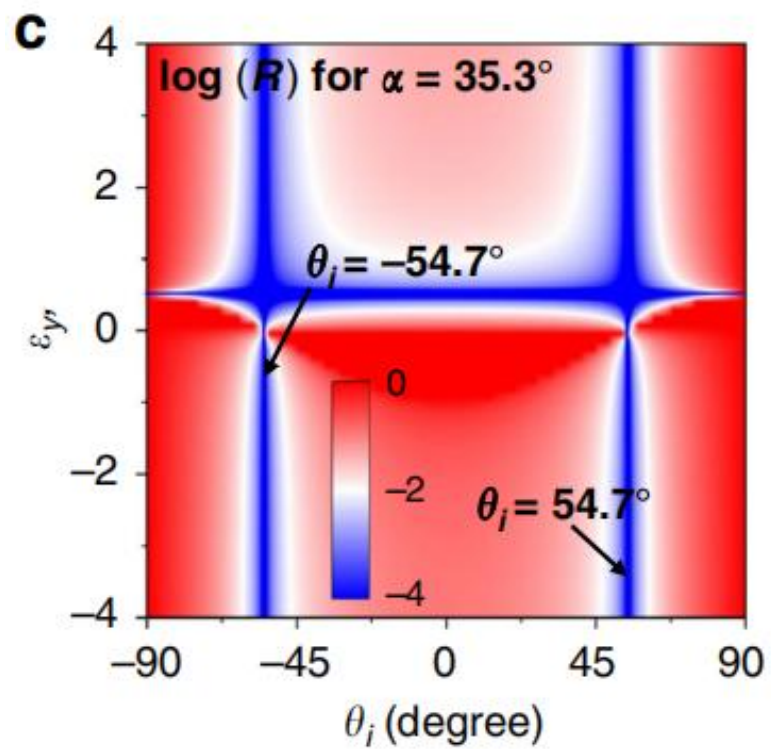


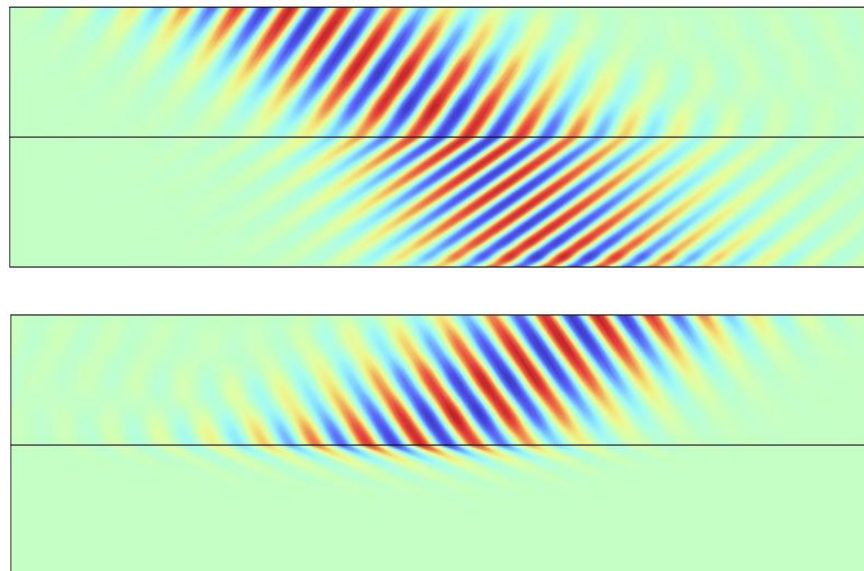
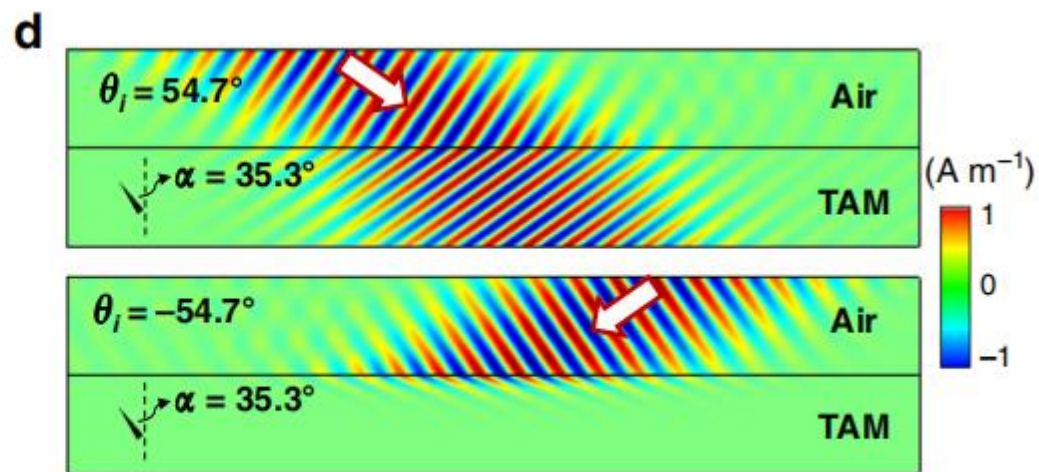
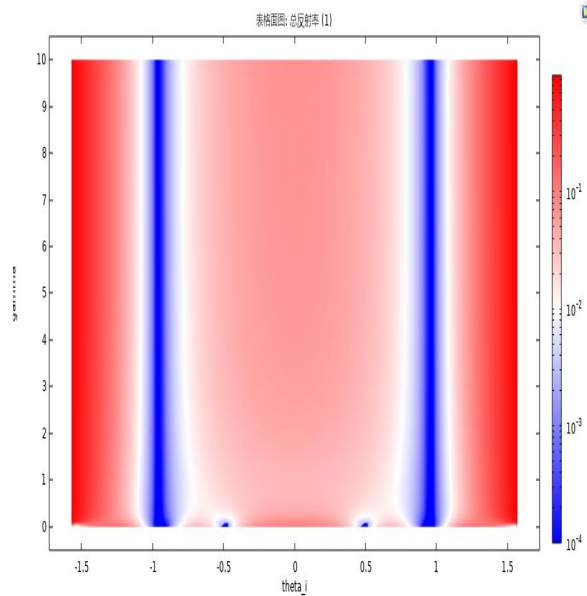
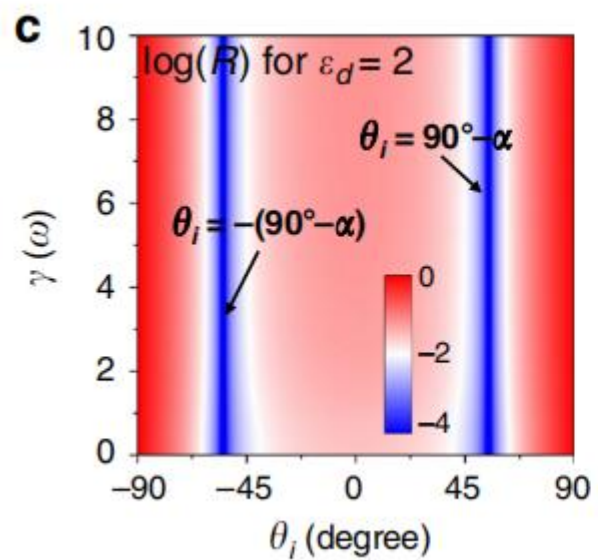
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Ultra-broadband reflectionless Brewster absorber protected by reciprocity

Jie Luo¹, Hongchen Chu², Ruwen Peng², Mu Wang², Jensen Li^{3,4} and Yun Lai²





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