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These Crystal Structures Exhibit Rich Optical Physics Effects And Can Provide New Ways To Accomplish Sophisticated Optical Information-processing Tasks. Index Terms—Dynamic Photonic Crystals, Magneto-optical Effects, Photonic Crystals, Stopped Light, Time-reversal Of Light. I. INTRODUCTION SINCE The Pioneering Works By Yablonovitch [1] And John Feb 4th, 2024

Radiative Energy Transfer In Disordered Photonic Crystals

Real Photonic Crystal Structures Always Contain One Or Another Type Of Disorder Regardless Of Manufacturing Procedure. It Is Crucially Important, Therefore, To Understand To What Extent Disorder Affects Properties Of These Structures. This Issue Is Of Great Interest Because An Interplay Between Periodic Jun 4th, 2024

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Two-Dimensional Tungsten Photonic Crystals As ...

The Refractive Index Of Tungsten Provides For Increased Normal Emittance At Wavelengths Shorter Than 2 μm , And Suppressed Emittance At Longer Wavelengths. Figure 1 Shows Normal Emittance From A Flat Surface Of Single-crystal Tungsten At Room Temperature. Refractive Index Values From ... Mar 2th, 2024

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