

Abstract Submitted
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Surface wave effect on light scattering from a one-dimensional photonic crystal ALDO SANTIAGO RAMIREZ DUVERGER, RAUL GARCIA LLAMAS, Universidad de Sonora, JORGE GASPAR ARMENTA — We consider attenuated total reflection configuration in order to excite surface waves on one-dimensional photonic crystal-air interface. The scattered reflected light is calculated under resonant condition. We find amplified scattered light when incident light is resonant with the surface wave.

Aldo Santiago Ramirez Duverger
Universidad de Sonora

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