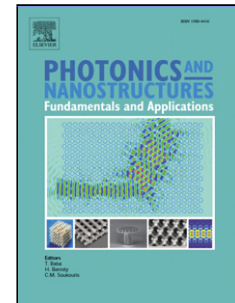


Accepted Manuscript

Title: Bulk-like-phonon polaritons in one-dimensional photonic superlattices

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PII: S1569-4410(16)30063-3

DOI: <http://dx.doi.org/doi:10.1016/j.photonics.2016.12.003>

Reference: PNFA 569

To appear in: *Photonics and Nanostructures – Fundamentals and Applications*

Received date: 29-9-2016

Accepted date: 6-12-2016

Please cite this article as: H.A. Gómez-Urrea, C.A. Duque, M.E. Mora-Ramos, Bulk-like-phonon polaritons in one-dimensional photonic superlattices, *Photonics and Nanostructures - Fundamentals and Applications* (2017), <http://dx.doi.org/10.1016/j.photonics.2016.12.003>

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Highlights

- The optical and photonics properties of 1D photonics crystals are studied.
- The 1D photonic crystal is made of alternating layers of air and wurtzite AlN.
- The band structure of the frequency spectrum is obtained.
- Density of states and transmittance associated to both the TM and TE modes are calculated.

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