Abstract Submitted
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Oscillation modes and transmission into a Fibonacci slab.[1] LAMBERTO CASTRO-ARCE, Departamento de Fisica, Matematicas e Ingenieria, Unidad Regional Sur, Universidad de Sonora, MARTIN MOLINAR-TABARES, Organismo de Cuenca Noroeste, Comisin Nacional del Agua, JULIO CAMPOS-GARCIA, Departamento de Ciencias de la Salud, Unidad Cajeme, Universidad de Sonora, CARLOS FIGUEROA-NAVARRO, Departamento de Ingenieria Industrial, Unidad Regional Centro, Universidad de Sonora, LEONARDO ISASI-SIQUEIROS, Departamento de Fisica, Matematicas e Ingenieria, Unidad Regional Sur, Universidad de Sonora, BETSABE MANZANARES-MARTINEZ, Departamento de Fisica, Unidad Regional Centro, Universidad de Sonora — In our contribution we developed a study on the behavior of the transmission modes and a Pt / Zn slab of a Fibonacci array of longitudinal and transverse acoustic waves. We have worked with arrangements from n = 1 to10 and has managed to find the energy bands and transmission, filling factor 0.4 observing the appearance of Pseudo-Gaps in the evolution of the study when the arrangement Fibonacci increases.

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