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Calculus of bands and profiles of study the system mirror - resonance of the Fibonacci Pt/Zn LAMBERTO CASTRO-ARCE, Departamento de Fisica e Ingenieria, Unidad Regional Sur, Universidad de Sonora, CARLOS FIGUEROA-NAVARRO, Departamento de Ingenieria Industrial, Unidad Regional Centro, Universidad de Sonora, JULIO CAMPOS-GARCIA, Departamento de Ciencias de la Salud, Unidad Cajeme, Universidad de Sonora, MARTIN MOLINAR-TABARES, Organismo de Cuenca Noroeste, Comisión Nacional del Agua, FELIPE RAMOS-MENDIETA, Departamento de Investigacion en Fisica, Unidad Regional Centro, Universidad de Sonora, BETZABE MANZANARES-MARTINEZ, Departamento de Fisica, Unidad Regional Centro, Universidad de Sonora — In order to analyze the behavior of a mirror – located resonance of 2pi, in a given system and with a given filling factor equal to 0.4 a study has been realized in an arrangement fibonacci, also in periodic slabs jobs. It is observed how in a study of profile that some waves are annulled giving birth to the mirror placed in 2pi. With regard to the resonance in a profile study the maxima are in certain structure Pt Pt Zn Pt Pt. Even if we increase the number of repetitions these are preserved, that means that they are related to effects of segments isolated inside the multilayer.

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