

Abstract Submitted
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Electronic and Magnetic Properties of Novel III-V-(M) Superlattices J. RUFINUS, Widener University — We present the results of computational works on the electronic and magnetic properties of “novel” III-V-(M) (where M is transition metals) superlattice. The calculations were performed using ABINIT and Gaussian 03 codes. The objective of this work is to determine the possibility of ferromagnetism in this type of superlattice.

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