

# Strained-layer Superlattices: Physics

by T. P Pearsall

Expanding the Vision of Sensor Materials - Google Books Result EPSRC Reference: GR/E40736/01. Title: THE PHYSICS AND ENGINEERING OF III-V STRAINED LAYER SUPERLATTICES. Principal Investigator: Adams Semiconductors and semimetals, Vol. 32: Strained-Layer Superlattices. Aug 6, 2010 . Minority carrier lifetime,  $\tau$ , in type-2 strained-layer superlattices (SLSs) and in The nature of the difference between the SRH lifetimes in LWIR superlattice and MCT is discussed. 2010 American Institute of Physics. Strained Layer Superlattices: Physics : Semiconductors and . Materials Science and Technology: Strained-Layer Superlattices . III-V Semiconductor Strained-Layer Superlattices - Springer Strained-Layer Superlattices: Physics. SEMICONDUCTORS. AND SEMIMETALS. Volume 32. Volume Editor. THOMAS P. PEARSALL. DEPARTMENT OF Materials Science and Technology: Strained-Layer Superlattices . Sep 1, 1987 . We have also found that the strained-layer interface can be an effective barrier to dislocation propagation. electrically active defects, are shown to exist in the strained-layer superlattice. 1987 American Institute of Physics. Unipolar barrier strained layer superlattice infrared photodiodes : physics and barrier engineering. Please use this identifier to cite or link to this item:

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strained layer superlattice for high operating strained layer superlattices, *Infrared Physics & Technology*, 59, 72, the physics and engineering of iii-v strained layer superlattices Dec 26, 2012 . *Journal of Applied Physics*, 71 (9). pp. SimGen strained layer superlattice (SLS) structures were grown by molecular beam epitaxy on