T 1

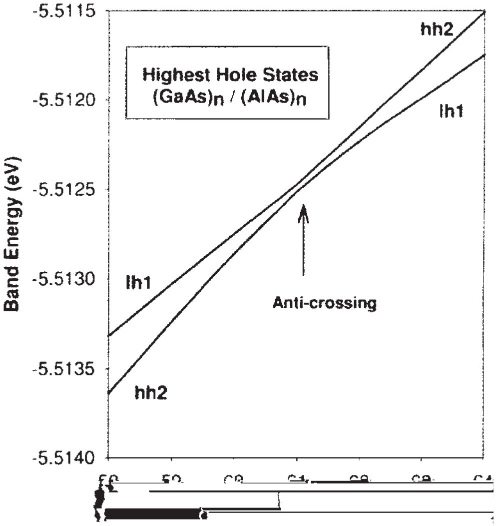
( )

N	E	E
/ 2	, $_2 \neq 0$, $\neq 0$ ● 2 - ● 2 ● 2	, $_2 \equiv 0$, , $= 0$ (T)
/ 2	, $_1 \neq 0$ ● - ● -	, $_1 \equiv 0$ ● - (T)
2	● $(110) \neq (\bar{1}10)$ ● -	- -

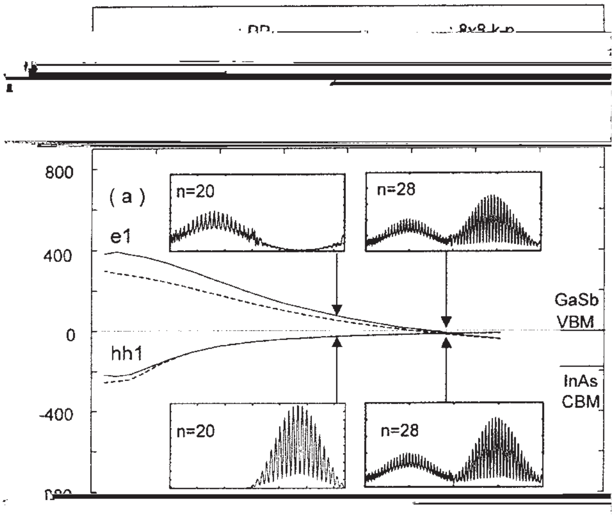
T (. ., .) - 10 1, , ~100 Γ . , , , - , - . (. .,) - . (1), F ( ) . T , , . T 1 . T , .

2. The Oscillating Eigenvalues of a Thin Film N . , 0 Å 2 Å , . T , ' , - 1 ( ) (001) (. 1), - .

3. The Oscillating Γ–X Coupling in $(AlAs)_n/(GaAs)_n$ ($_\Gamma$ ~ 10), Γ , , , 1 , 1 , - - 1 , 20 , 21 , (-) -, -, - Γ 22,



[illegible] 1 [illegible] 2 [illegible] - [illegible] - [illegible] ( ) /( ) (001) [illegible] 2



[illegible] - [illegible] ( ) / ( ) [illegible] 1) 1 1) 1 2

5. The lh1−hh1 Coupling at $K_\parallel = 0$ for No-Common-Atom Superlattices

- - / / 2 , 1 1 2 , 0, 1 $K_\parallel = 0$. , 1 - 1 ( ) - $I_{110} \neq I_{\bar{1}10}$ - . · 1 1 $K_\parallel = 0$, - . T , , 2 , 2 .

6. Quantum Dots and Piezoelectric Charges

. - , , - - . , - - , (110) $(\bar{1}10)$. T 2 2 ( ) - 2 , ., (110) $(\bar{1}10)$, $\lambda \neq 1$ ( ) ( ) - (-) - . T , 2 - , ., (.,) - . T , 2 . (, .) T , , - , - ( ) 2 - , ( ) . ( ) 2- ( )-

[illegible]

7. Keep Fitting until Agreeing with Atomistic Theory or Experiment on Dots?

[illegible] γ_1 [illegible] γ_2 … [illegible] 0, [illegible]

(. 2), ( ) - -
(0, . 1.2), ( ) -
( ) (2) ,
100 .

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1 . T , 0 Å . 0 Å,
(. .,) - . ,
- - .
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). T , -

10 1 , 2 , 0,

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