

(Γ) → $(\text{InAs}) / (\text{GaSb})$, (Γ)
 $(\approx 40\%)$ (Γ) < 4 ≥ 10
 InAs/GaSb Γ
 Σ
 Γ
 $(\Gamma, 310 \text{ } \Gamma)$ Σ
 $\Gamma(\Gamma)$
 Σ

20.

10

21.

(L),

S

10

0

E

3

50%,

75%.

S = 25%,

= 25%,

(111)

S

= 50%

75%.

3,

As<In, Ga>₁/Sb<In, Ga>₂

<In, Ga>

(111)

As<In, Ga>



• u , L (L),
- u () u a