P. R. C. Kent[1], A. Zunger

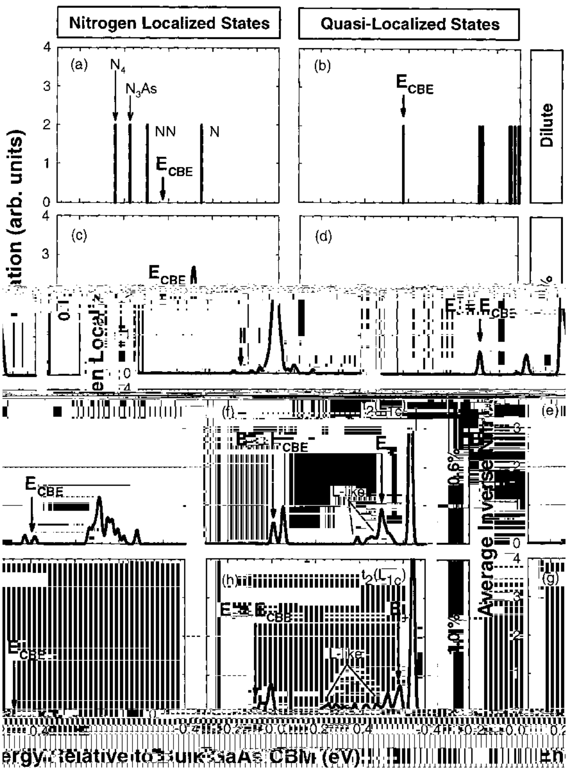
, 1617 C B , G , C 80401, U A

(25, 2001; 28, 2001)

: 71.15. ; 71.20. ; 71.55. ; 7.14

A , ( )

[illegible]


Nitrogen Localized States
Quasi-Localized States
(a)
N4
N3As
NN
N
ECBE
(b)
ECBE
Dilute
(c)
(d)
ECBE
(e)
(f)
(g)
(h)
L-like
0.6%
1.0%
Average Inverse Participation (arb. units)
Energy Relative to Bulk GaAs CBM (eV)

. 2. [illegible]

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