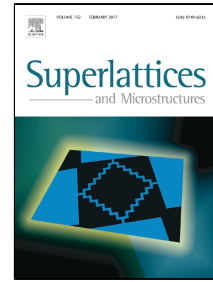


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About bond model of S-type negative differential resistance in GaP LEDs

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- *There are two negative differential resistance regions in CVC of GaP LEDs*
- *The NDR lower part might be due to internally electron transfer E_1^C to E_3^C*
- *The development of the NDR ($T \leq 120K$) is provided by the positive internal bond*

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