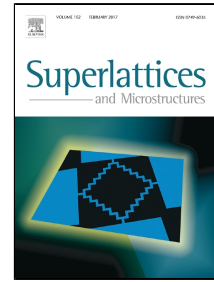


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Excitonic localization at macrostep edges in AlGaN/AlGaIn multiple quantum wells

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Highlights:

The origins of the double peaks for AlGaIn multiple quantum wells (MQWs) are investigated.

Quantum wires (QWRs) structures are observed along the macrostep edges.

The lateral advance rate of macrostep is obtained.

The optical properties of QWs and QWRs are studied.

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