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The Effect of External Cavity Reflectivity on the Dynamic Behaviors of Quantum Cascade Laser

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Highlights

- The QC laser characteristics are strongly influenced by the external cavity length and external reflectivity.
- The external cavity reflectivity influences significantly the dynamics behaviours of the EC-QC laser.
- The external cavity reflectivity dependences of turn-on delay time (t_{th}) is also studied and discussed.

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