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Terahertz Yield from ZnO Crystal Driven by Strong Laser Pulse

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We theoretically investigate the Terahertz emission from ZnO using the Semiconductor Bloch equations. The relation between the laser intensity and THz yield is unexpected, which is closely related to the band structure and Bloch oscillation.

Authors: Dr LIU, Lu (Graduate School of China Academy of Engineering Physics); Dr ZHAO, Jing (National University of Defense Technology); Prof. ZHAO, Zengxiu (Graduate School of China Academy of Engineering Physics); Prof. YUAN, Jianmin (National University of Defense Technology)

Presenter: Dr LIU, Lu (Graduate School of China Academy of Engineering Physics)

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