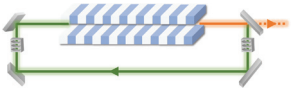

X-ray–regenerative–amplifier free-electron-laser scheme with electron-beam-based Q switching. [Tang *et al.*, Phys. Rev. Lett. **131**, 055001 (2023)]

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