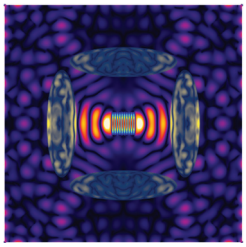

Simulated acoustic radiation pattern of an optomechanical resonator surrounded by four oblong blackbodies. Selected for a Synopsis in *Physics* and an Editors' Suggestion. [R. Singh and T. Purdy, Phys. Rev. Lett. **125**, 120603 (2020)]

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