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Thermal Noise in Microfabricated AlGaAs Structures

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Abstract: Multilayer crystalline AlGaAs stacks have the potential to reduce coating thermal noise in future gravitational-wave interferometers. The results of direct measurements of thermal noise in microfabricated AlGaAs structures will be presented.

Keywords: Materials: 160.0160|Thin films: 310.4165 Multilayer design

No Summary Available