

Optical And Opto Electronic Instrumentation

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4rd International Conference on Optics, Photonics and ...

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Optical fiber - Wikipedia

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Optics Express

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We propose an optomechanical system to quantify the net force on a strand of cleaved silica optical fiber in situ as the laser light is being guided through it. Four strands of the fiber were bonded to both sides of a macroscopic oscillator, whose movements were accurately monitored by a Michelson interferometer. The laser light was propagating with variable optical powers and frequency ...

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