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Sensors and Microsystems Proceedings of the 17th National Conference, Brescia, Italy, 5-7 February ... 2 sensors were measured in repeated cycles at several humidity conditions.

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Publications BOOK CHAPTERS. B3. M. ... "Switchable Aluminum Nitride MEMS Resonator Using Phase Change Materials", Proceedings of the 2014 Solid-State Sensors, Actuators and Microsystems Workshop ... Piazza, M. Rinaldi, C. Zuniga, "Nanoscaled Piezoelectric Aluminum Nitride Contour-Mode Resonant Sensors", Proceedings of the IEEE Sensors ...

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Chapter 7 Materials for MEMS and Microsystems

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equation in a modal system with large sensor noise. These bounds produce analytical approximations that reduce the computational complexity of the LQG optimization approach with cheap control. Results are applied to a prototype disk drive suspension to identify sensor positions and sensor LP requirements.

Fabrication and optimal strain sensor placement in an

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