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Mesoscopic Beam Splitter: An Experiment on Complementarity and Entanglement

; Cavity QED with Cold Atoms

; Single-Atom

Motion in Optical Cavity QED

Optical Cooling in High-Q Multimode Cavities

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### Sommario/riassunto

The XV International Conference on Laser Spectroscopy brought together spectroscopists from all over the world working in the very diverse and still growing field of laser spectroscopy. It addressed a large number of modern scientific issues at the highest level.

<br><i>Contents: </i><ul><li>Bose-Einstein Condensation of Metastable Helium: Some Experimental Aspects <i>(C I Westbrook et al.)</i></li><li>Resonance Superfluidity in a Quantum Degenerate Fermi Gas <i>(S Kokkelmans et al.)</i></li><li>Measuring the Frequency of Light with Ultra Short Pulses <i>(T W Hansch et al.)</i></li><li>Atomic

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