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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.

**Contents:**

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

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