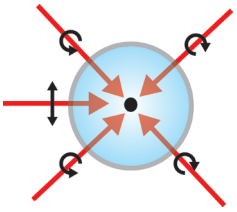
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A single atom (dot) has been cooled in an optical cavity to the ground state of axial motion (in and out of the figure). Shown are some of the polarized beams used for radial cooling and internal state manipulation. See article 083602.

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