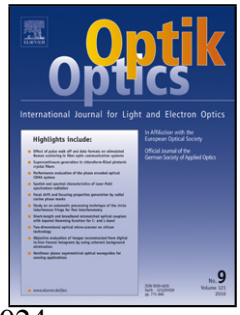


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# Reflection of light from a moving mirror

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We demonstrate the fulfilment of the conservation laws with respect to fluxes of momentum, energy, spin, and the number of photons when a plane circularly polarized electromagnetic wave reflects from a receding mirror at normal incidence. The given calculations show that spin occurs to be the same natural property of a plane electromagnetic wave, as energy and momentum.
**Key Words:** classical spin; circular polarization; spin tensor
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