CONICAL REFRACTION OF RELATIVISTIC PARTICLES WITH SPIN 1/2 AND 1

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S u m m a r y

The quasiclassical equations of motion for relativistic particles with spins 1/2 and 1 which possess anomalous magnetic moments have been considered. The motion of particles in a constant uniform electromagnetic field has been analyzed. It has been demonstrated that, under definite conditions, phenomena similar to the optical conical refraction can be observed.