

## **Optical pumping of negative ions**

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Optical pumping is a convenient method of polarization of atoms, broadly used for production of polarized atoms. Positive ions can be pumped some times, but spectrum of positive ions excitation often is not available for existing lasers. It is possible to use the optical excitation of some negative ions. Optical pumping with circular polarization in magnetic field can be used for polarization of the negative ions.

Poster

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