

## symmetry discrimination and measurements of parity violating and magnetoelectric dichroisms in a Cs vapor

Jocelyne Guéna, Michel Lintz, Marie-Anne Bouchiat

## ▶ To cite this version:

Jocelyne Guéna, Michel Lintz, Marie-Anne Bouchiat. symmetry discrimination and measurements of parity violating and magnetoelectric dichroisms in a Cs vapor. 8th EPS conference on atomic and molecular physics, 2004, Rennes, France. pp.1-3. hal-00002628

## HAL Id: hal-00002628 https://hal.science/hal-00002628v1

Submitted on 20 Aug 2004

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## SYMMETRY DISCRIMINATION AND MEASUREMENTS OF PARITY VIOLATING AND MAGNETOELECTRIC DICHROISMS

Criteria

 $D = \frac{S_x - S_y}{S_x + S_y}$ 

 $\Delta D = D^{\text{amp}} - D^{\text{re}}$ 

Ez-odd

 $\operatorname{Tilt}(\hat{\epsilon}_{\operatorname{out}}^{\operatorname{pr}})$ -odd

 $\hat{\epsilon}_{in}^{pr} \begin{cases} \|\hat{\epsilon}^{exc} - even \\ \perp \hat{\epsilon}^{exc} \end{cases}$ 

ê<sup>exc</sup>-isotropic

probe laser

, ø



e