

MOTIVATION

physica **p** **S_{status}** **S_{olidi}** **S^b** *basic solid state physics*

Research Article

Photoluminescence of Double Quantum Wells: Asymmetry and Excitation Laser Wavelength Effects

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PHYSICAL REVIEW B *covering condensed matter and materials physics*

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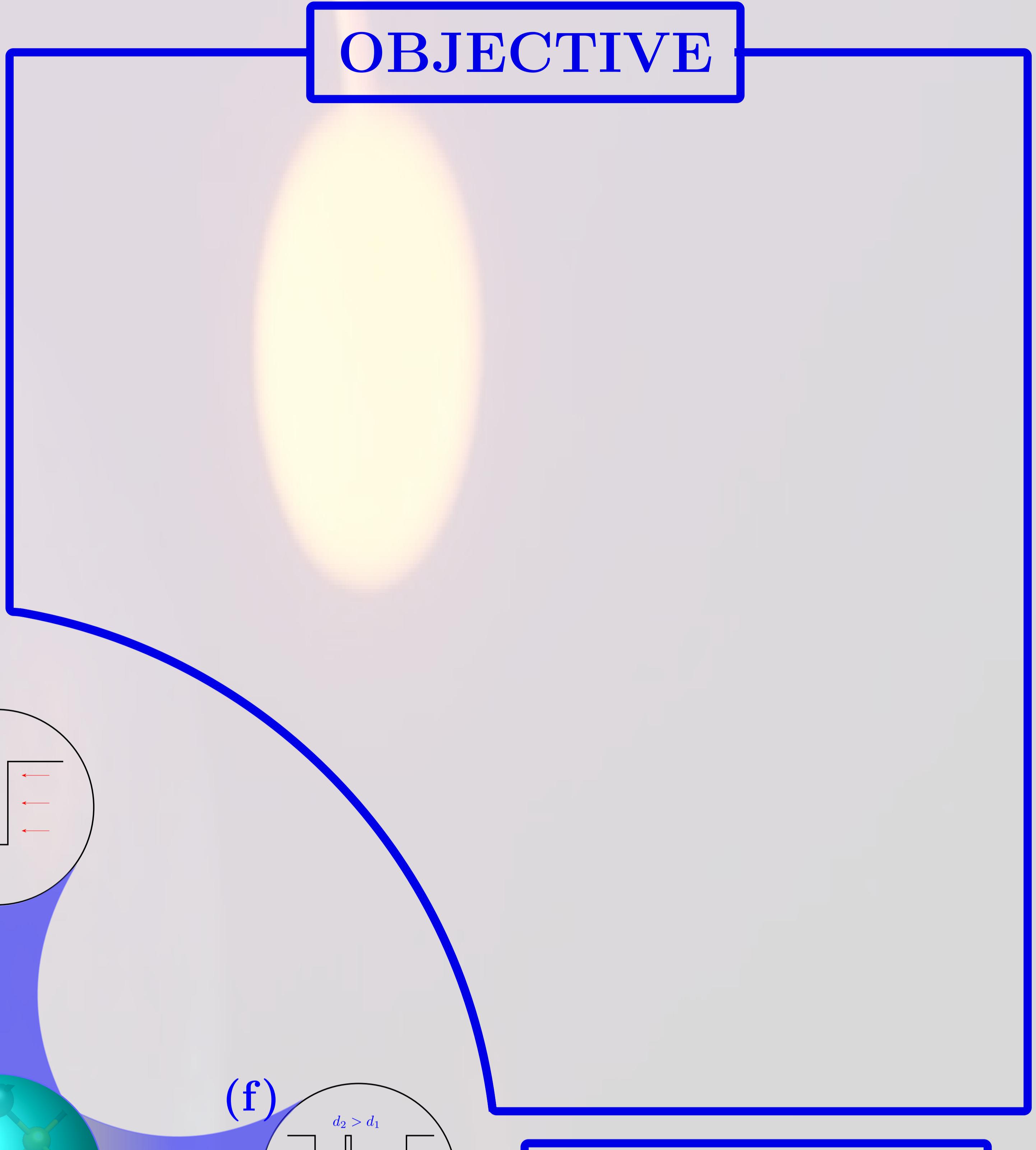
Optical anisotropies of asymmetric double GaAs (001) quantum wells

O. Ruiz-Cigarrillo, L. F. Lastras-Martínez, E. A. Cerdá-Méndez, G. Flores-Rangel, C. A. Bravo-Velazquez, R. F. Balderas-Navarro, A. Lastras-Martínez, N. A. Ulloa-Castillo, K. Biermann, and P. V. Santos
Phys. Rev. B **103**, 035309 – Published 25 January 2021

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Figure 1: Recently published works.

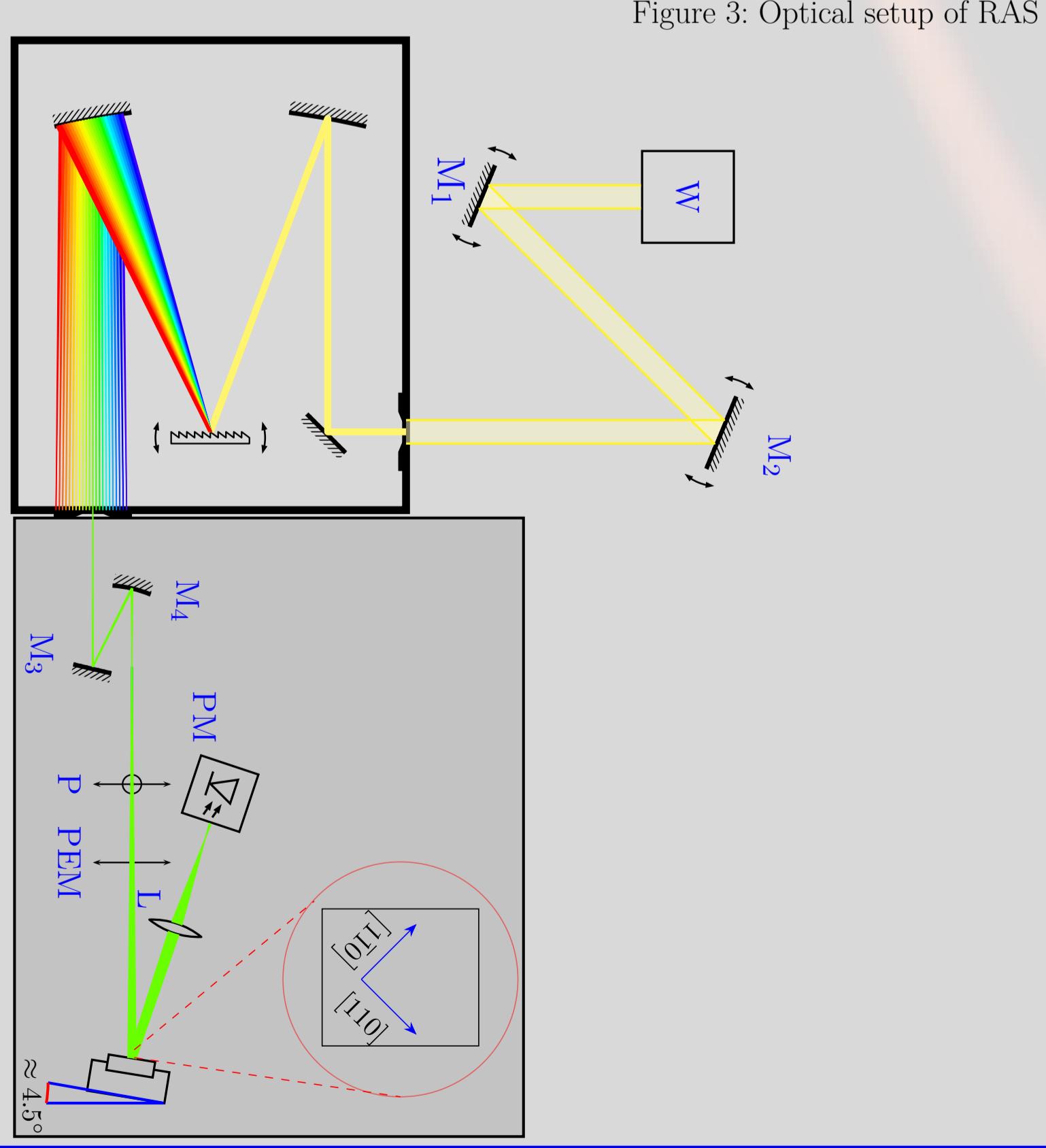
OBJECTIVE



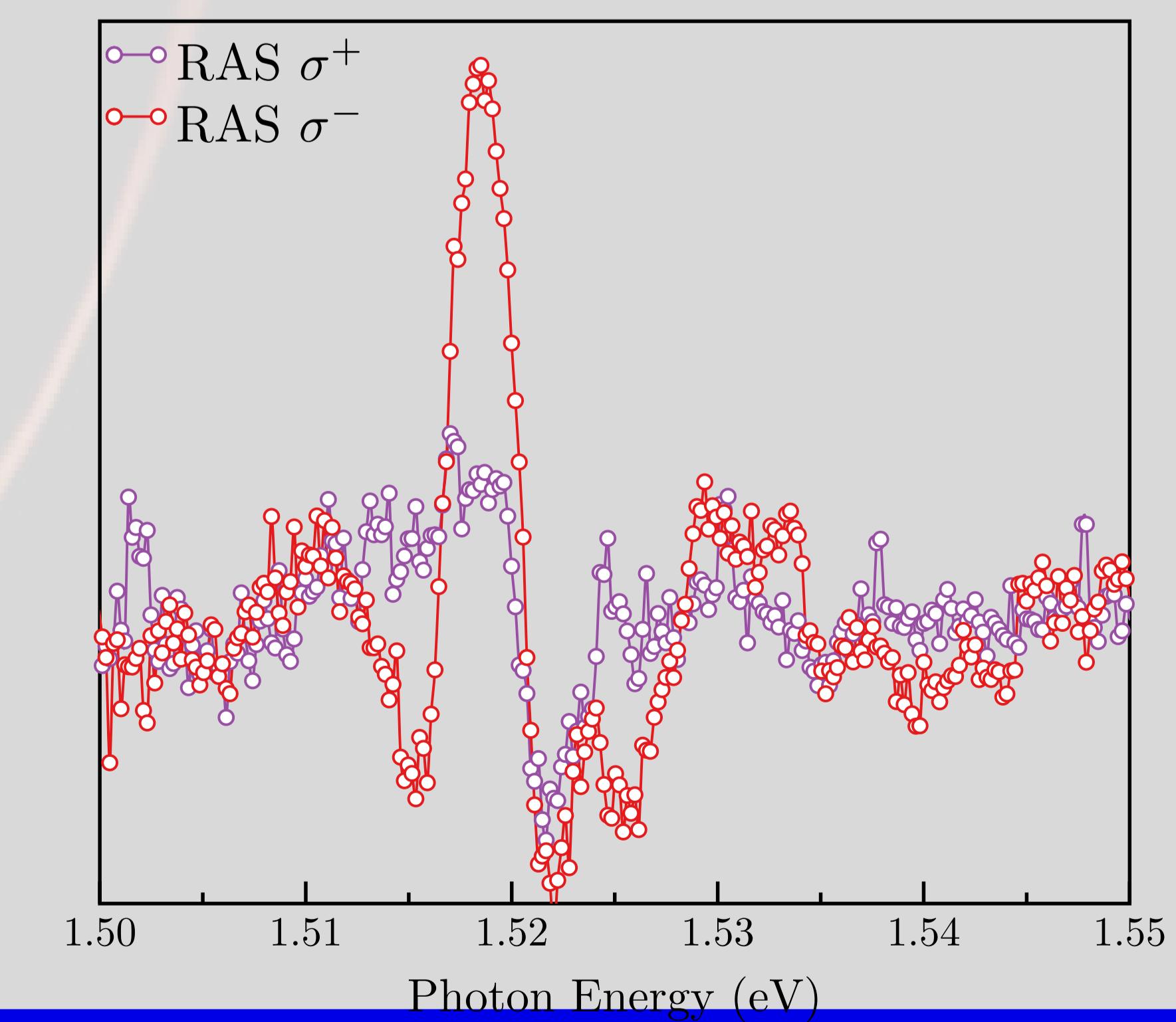
METHODS

Reflectance Anisotropy Spectroscopy

- Initially the setup is the same as RAS experiments.
 - The aim of this work, it's purpose the way to carried RAS experiments to do it spin sensitive.
 - As first approximation, we purpose measured it trough two polarization states with the photo-elastic modulator device.



RESULTADOS



O. Ruiz Cigarrino PhD Thesis, unpublished

CONCLUSIONES