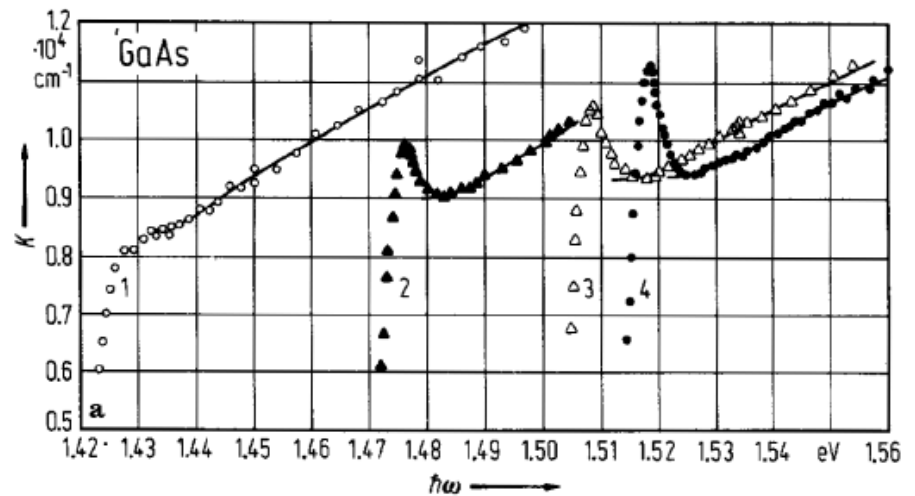
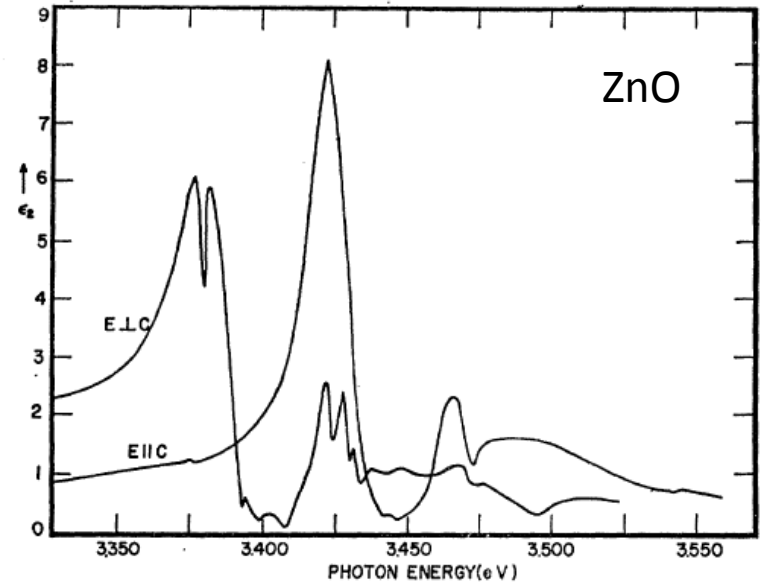
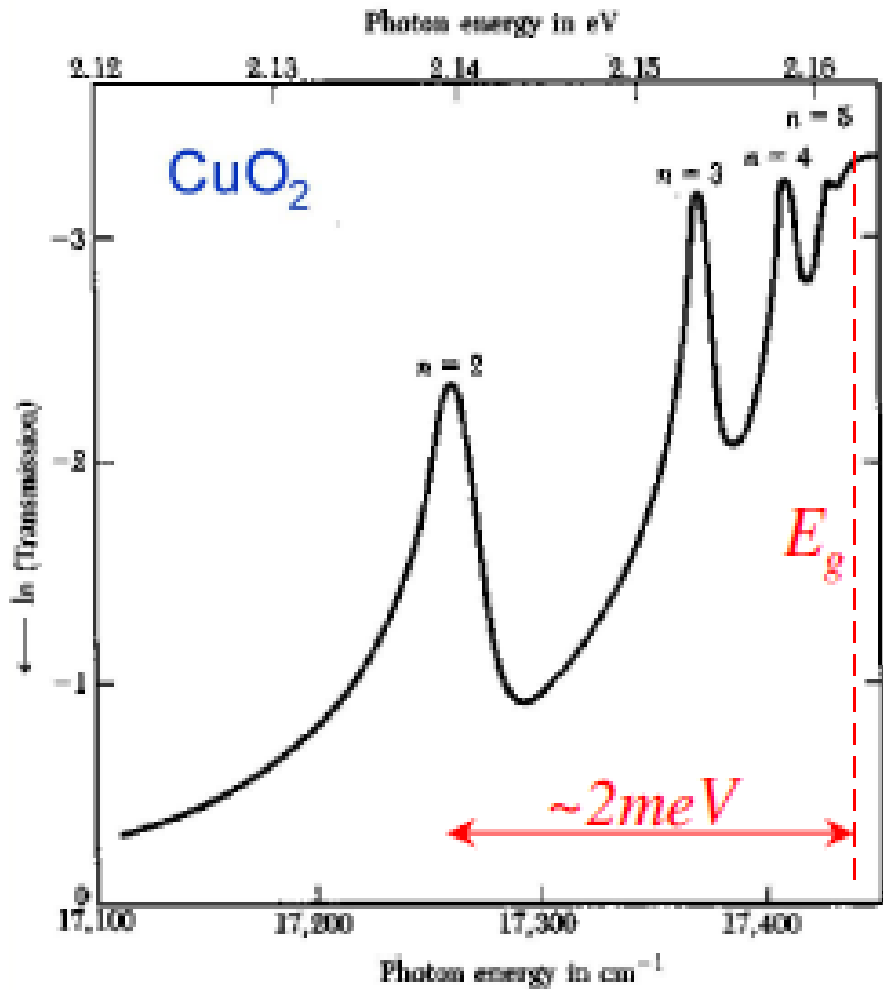


DIRECT WANNIER EXCITONS



FRENKEL EXCITONS

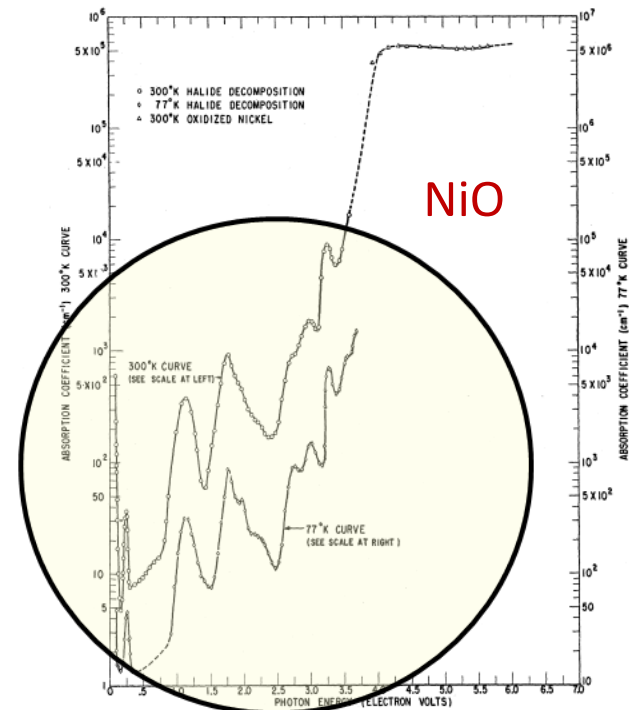
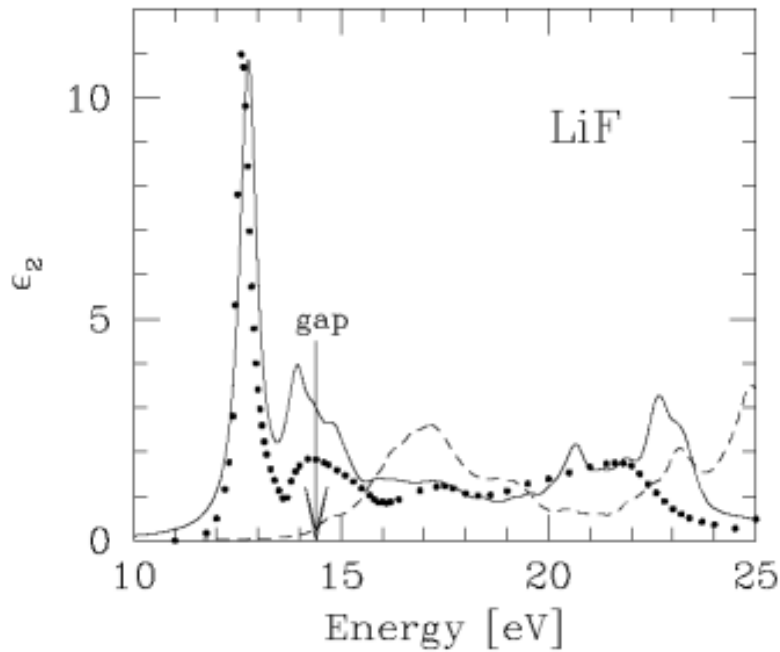
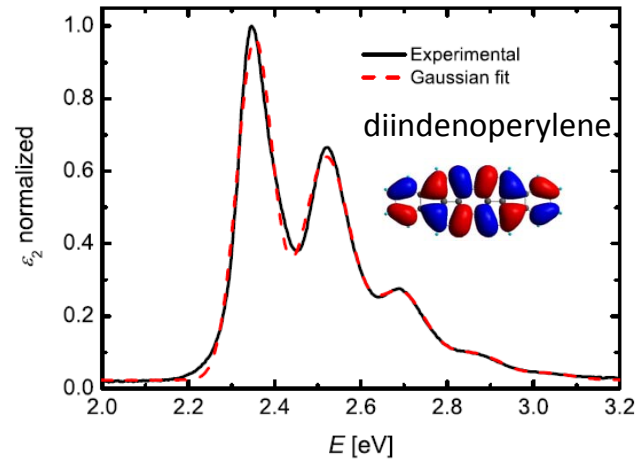
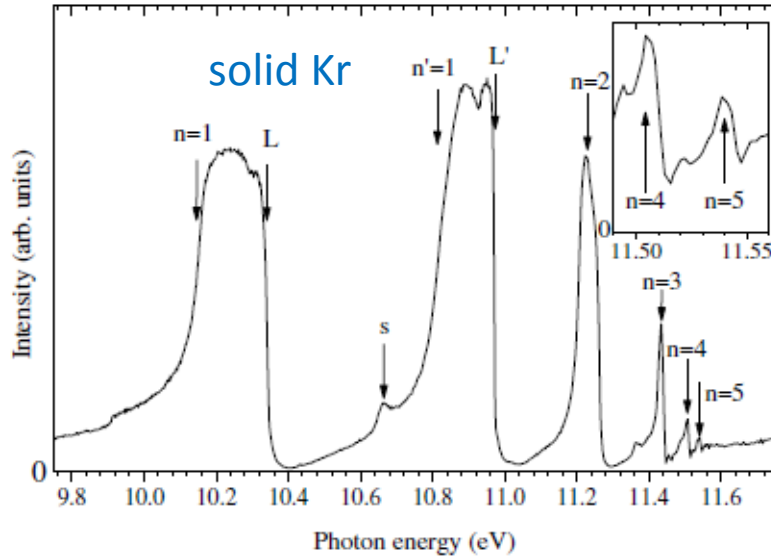
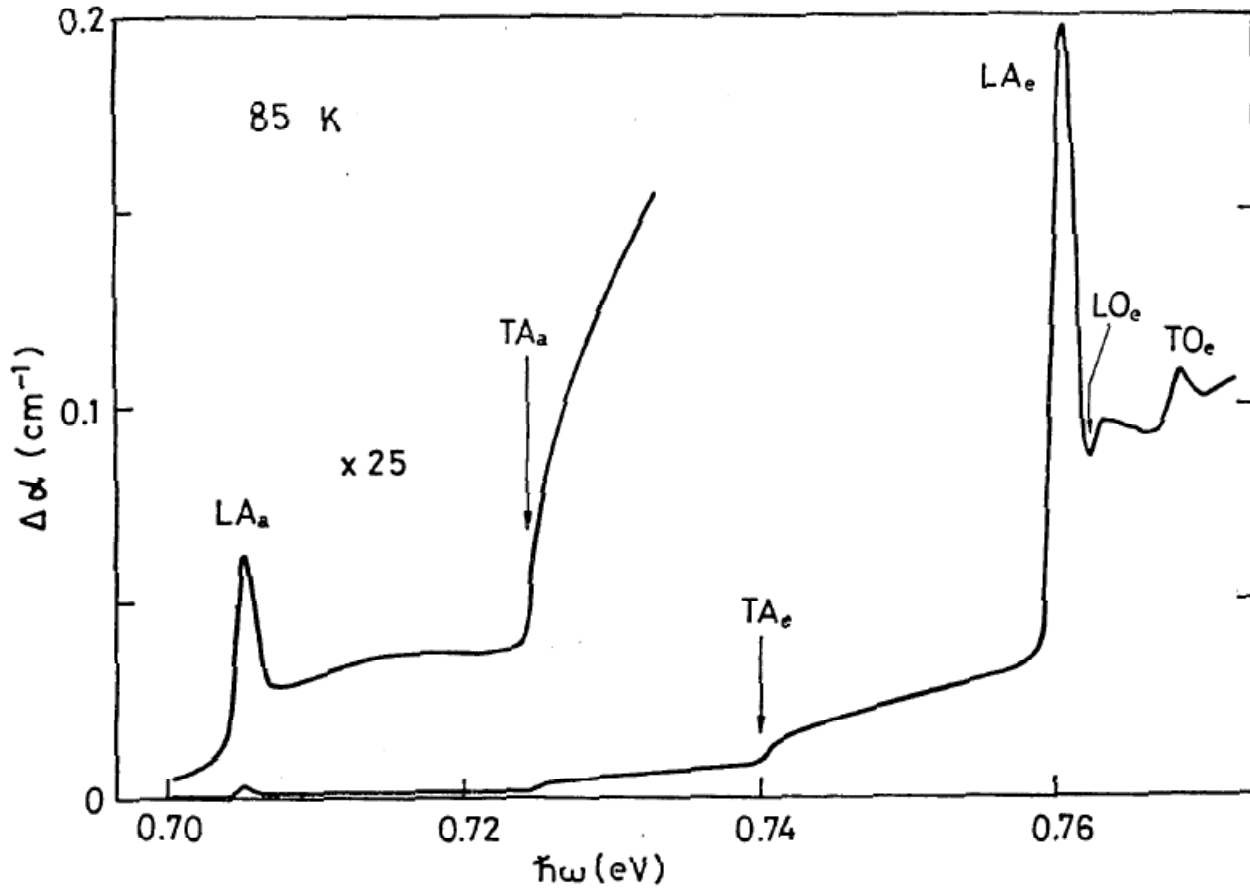


FIG. 2. Absorption spectrum of NiO at 300°K, 77°K. Dashed lines are interpolations.

magnetic-dipole

INDIRECT WANNIER EXCITONS

Germanium



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