

Polarization-dependent effects in vibrational absorption spectra of 2D finite-size adsorbate islands on dielectric substrates

Benedikt Zerulla,¹ Marjan Krstić,² Shuang Chen,³ Zairan Yu,³ Dominik Beutel,²
Christof Holzer,² Markus Nyman,¹ Alexei Nefedov,³ Yuemin Wang,³ Thomas G.
Mayerhöfer,⁴ Christof Wöll,³ and Carsten Rockstuhl^{1,2}

¹*Institute of Nanotechnology, Karlsruhe Institute of Technology (KIT), Kaiserstr. 12,
76131 Karlsruhe, Germany*

²*Institute of Theoretical Solid State Physics, Karlsruhe Institute of Technology (KIT),
Kaiserstr. 12, 76131 Karlsruhe, Germany*

³*Institute of Functional Interfaces, Karlsruhe Institute of Technology (KIT), Kaiserstr. 12,
76131 Karlsruhe, Germany*

⁴*Leibniz Institute of Photonic Technology, Albert-Einstein-Str. 9, 07745 Jena,
Germany*

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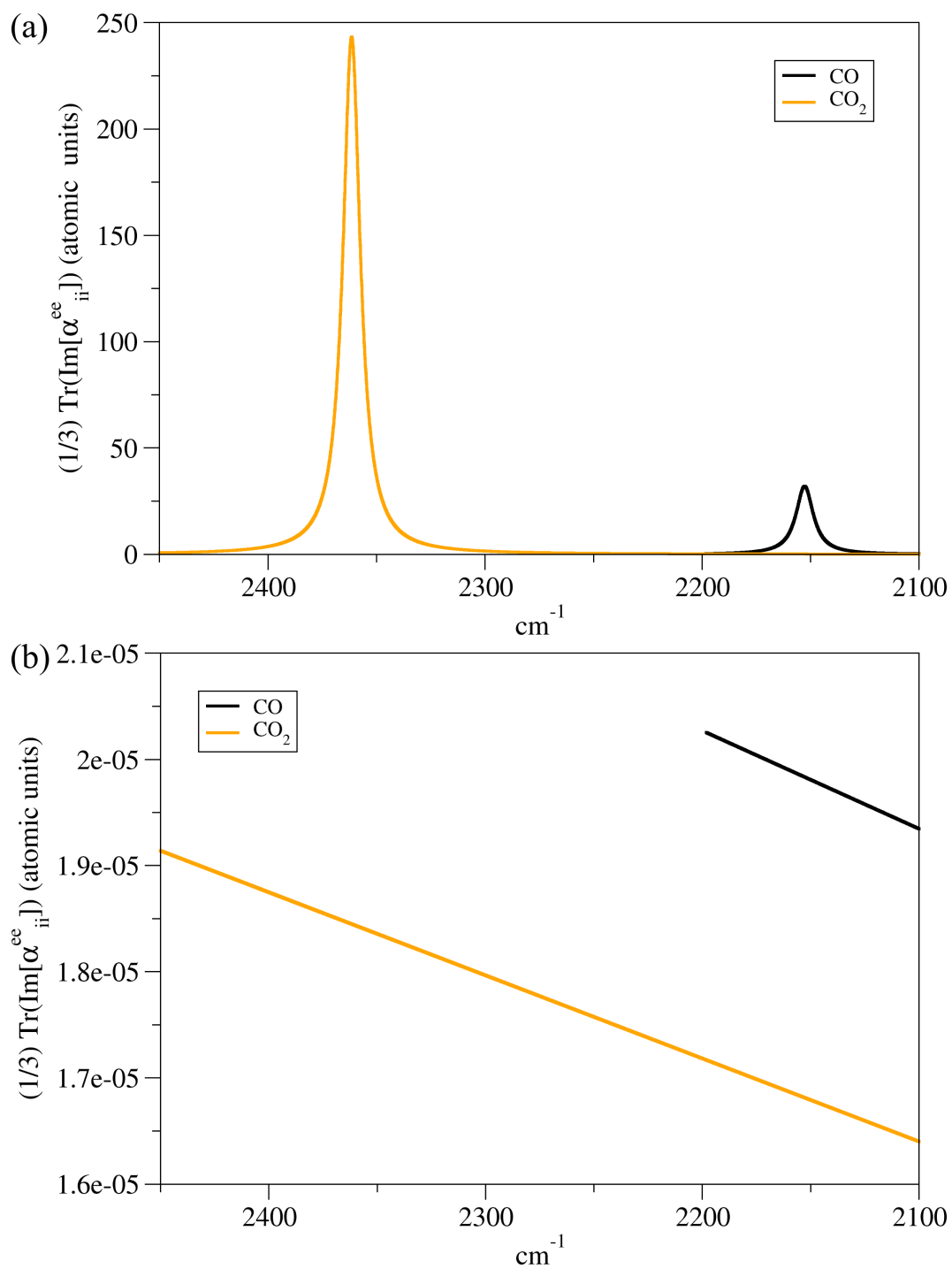


FIG. S1: (a) Visualized IR absorption of the CO and CO₂ molecule simulated from the trace of the calculated vibrational dynamic polarizabilities using DFT method. (b) Electronic absorption of CO and CO₂ molecule in the infra-red part of the spectrum, representing long-range tail of the damped electronic transition in the UV part of the spectrum.

REFERENCES