

ERRATUM: “THE 5.25 AND 5.7 μm ASTRONOMICAL POLYCYCLIC AROMATIC HYDROCARBON EMISSION FEATURES” (2009, *ApJ*, 690, 1208)

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As a result of an error at the Publisher, problems occurred in the presentation of Figures 4, 7, and 8. Figure 4 was printed without the mid-IR spectral data for the CH out-of-plane data. The figure is printed here in its entirety. The example portions of online Figure sets 7 and 8 were presented in print in a low-resolution format. Similarly, the figure sets were presented online in low resolution and each part of the set was presented separately. The example portions of these figure sets are presented below as intended, and the online sets for Figures 7 and 8 are available online in higher resolution, arranged in a grid. IOP Publishing sincerely regrets these errors.

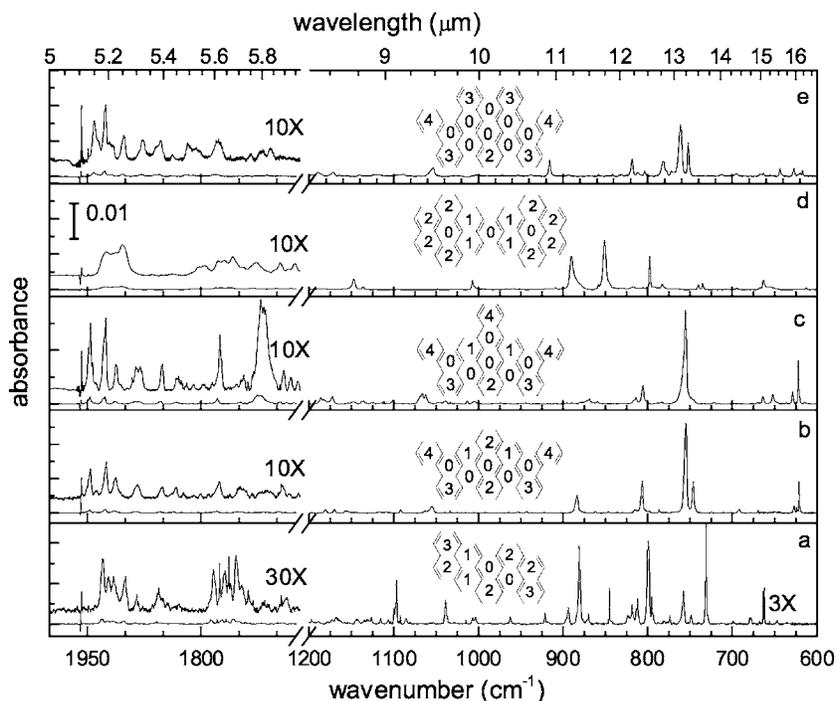


Figure 4 Matrix-isolated spectra for the CH_{oop} region (10–15 μm) as well as the overtone and combination band region (5–6 μm) for various neutral PAHs containing solo, duo, trio, and quartet hydrogens. The number of adjacent hydrogen atoms per ring is indicated in the structure.

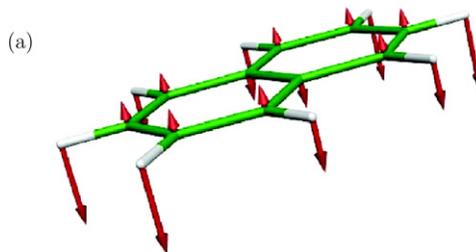


Figure 7 Example of one fundamental CH vibrational mode illustrative of the combination and difference bands of neutral naphthalene listed in Table 4. The carbon skeleton is depicted in green, the hydrogen atoms in white, and the vibrational motion of the molecule is indicated by the red vector arrows. Visualizations for all modes are available in the electronic edition of the Journal.

(An extended version of this figure is available in the online journal.)

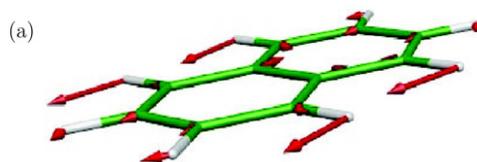


Figure 8 Example of one fundamental CH vibrational mode illustrative of the combination and difference bands of the naphthalene cation listed in Table 4. The carbon skeleton is depicted in green, the hydrogen atoms in white, and the vibrational motion of the molecule is indicated by the red vector arrows. Visualizations for all modes are available in the electronic edition of the Journal.

(An extended version of this figure is available in the online journal.)

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