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Adsorption on Carbon Nanotubes: A Transfer Matrix Method<sup>1</sup> ALAIN PHARES, Villanova University, DAVID GRUMBINE, JR., St. Vincent College, FRANCIS WUNDERLICH, Villanova University — The transfer matrix providing the thermodynamic properties of adsorption on nanotubes is recursively constructed and generalized to include the study of adsorption on nanotubes twisted to any order and of arbitrary diameter. Results are presented for hollow adsorption on carbon nanotubes.

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> Alain Phares Villanova University

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