"Supporting Information"

NO reduction over Al-embedded MoS₂ monolayer: A first-principles study

Mehdi D. Esrafili * and Safa Heydari

Department of Chemistry, Faculty of Basic Sciences, University of Maragheh, P.O. Box 55136-553, Maragheh, Iran

^{*} Corresponding author. Phone: (+98) 4212237955. Fax: (+98) 4212276060. P.O. Box: 55136-553. E-mail: esrafili@maragheh.ac.ir (Mehdi D. Esrafili).

Figure S1. The energy diagram and optimized stationary points for the diffusion of the Al atom on defective MoS_2

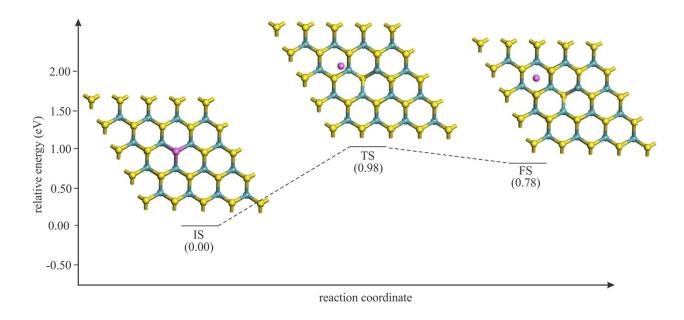


Figure S2. The frontier molecular orbitals of isolated NO and CO molecules

