

Supporting Information

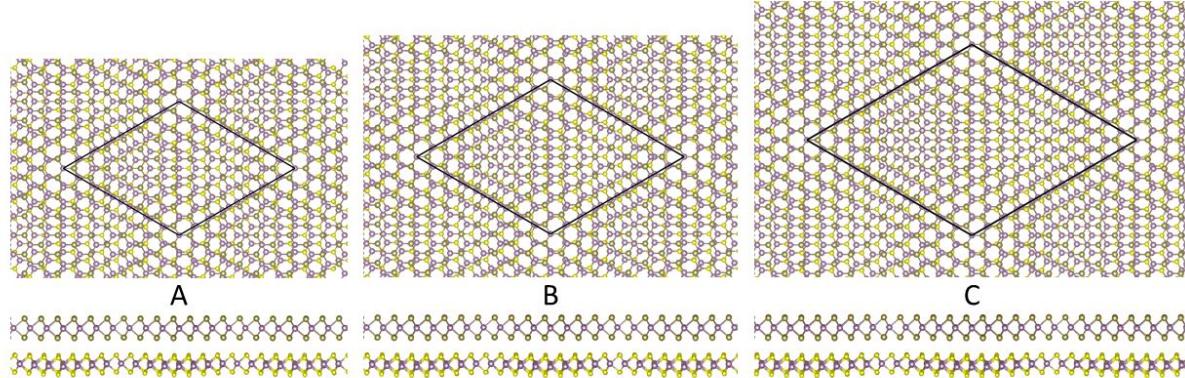
Moiré potential, lattice corrugation, and band gap variation in a twist-free MoTe₂/MoS₂ heterobilayer

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Fig. S1. Top and side views of the atomic structure of a MoTe₂/MoS₂ bilayer with (7×7)/(8×8) [A], (8×8)/(9×9) [B], and (10×10)/(11×11) [C] stackings. Lattice corrugation in the MoS₂ layer is clearly seen.



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Fig. S2. Density of states of a MoTe₂/MoS₂ bilayer. The local DOS projected on the Mo atoms at or near AA, AB, and BA sites with three-fold rotational symmetry are drawn in bold lines.

