

**Supplementary Information for
Hole-doping-induced half-metallic ferromagnetism in highly-air-stable PdSe₂
monolayer under uniaxial stress**

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(Dated: May 16, 2018)

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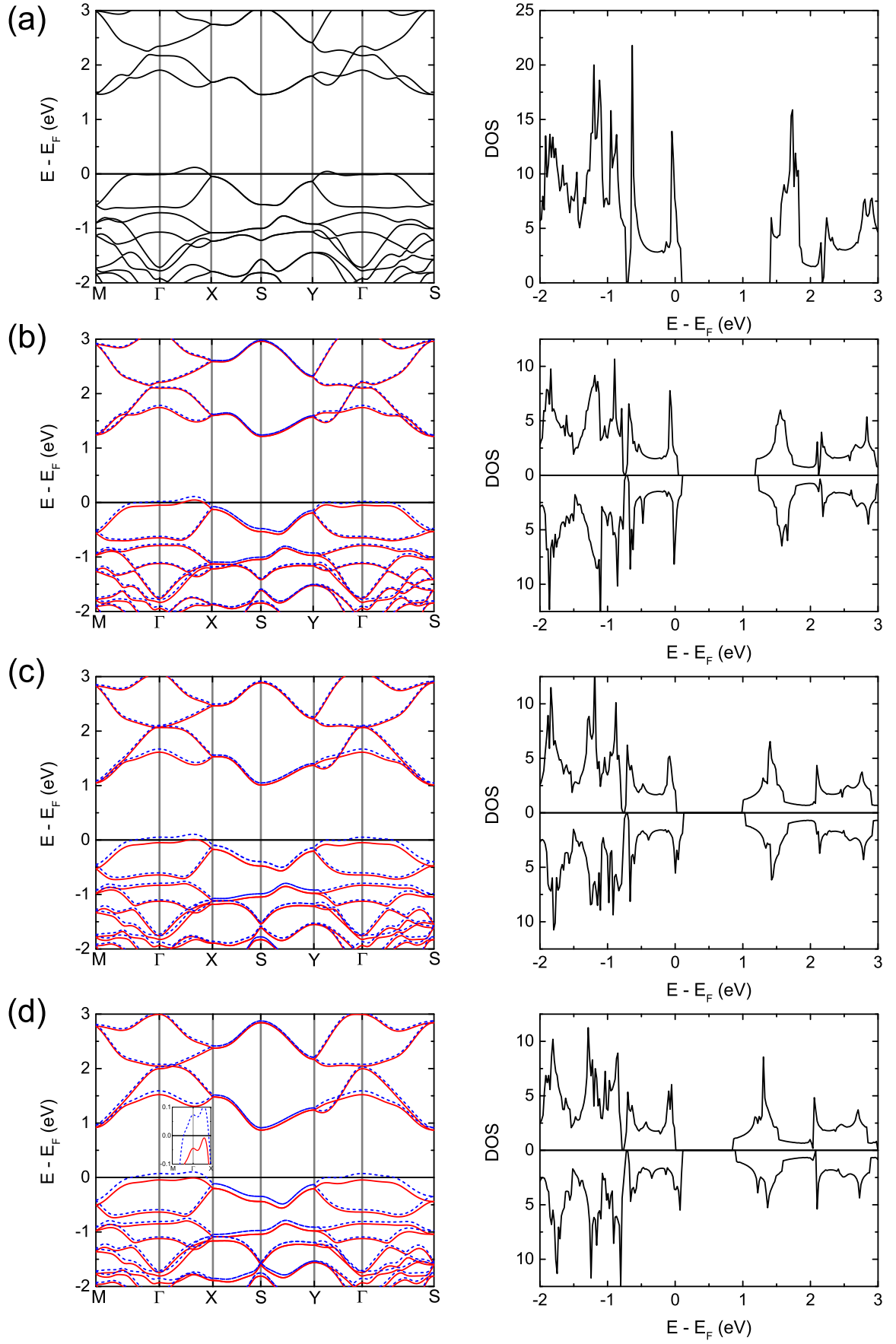


FIG. 1. The energy bands and density of states (DOS) of the monolayer with 0.2 holes per formula unit under the strain values of 0% (a), 3% (b), 6% (c) and 8% (d).