

Supplementary Information

Carrier-mediated ferromagnetism in two-dimensional PtS₂

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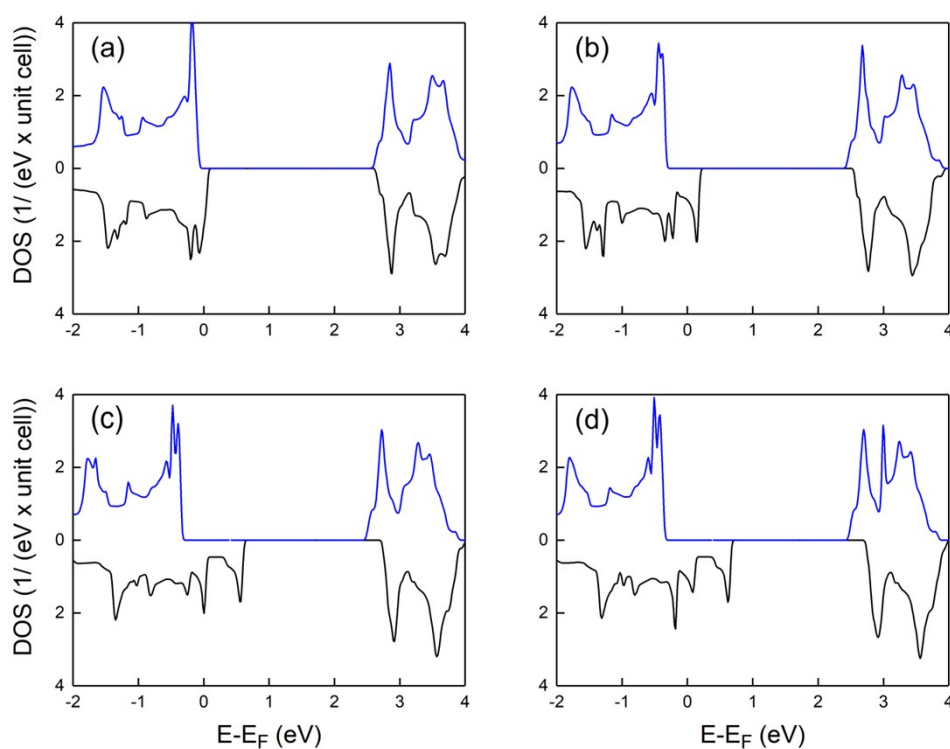


Figure S1: Density of states of charged unit cells for different hole densities: (a) $0.6 \times 10^{14}/\text{cm}^2$, (b) $1.9 \times 10^{14}/\text{cm}^2$, (c) $3.8 \times 10^{14}/\text{cm}^2$, and (d) $4.4 \times 10^{14}/\text{cm}^2$, using the HSE functional. The spectra include a 0.02 eV Lorentzian broadening. Blue and black lines indicate spin-up-like and spin-down-like density of states, respectively.