H₂ ideal-gas isobaric heat capacity error ortho para 0.06 3:1 ortho/para ortho (approx) para (approx) 3:1 ortho/para (approx) 0.04 $\left[C_{p,\,\mathrm{pred}}^{0}-C_{p,\,\mathrm{ref}}^{0}
ight]/R$ 0.02 0.00 -0.02

400

600

Temperature (K)

800

1000

200