

Problem Set 8

Ch 153a – Winter 2025

Due: 7 March 2025

1. (10 points) After the February 28 discussion about O₂ binding in hemoglobin and myoglobin, what do you think is the best description of the electronic structure in oxyhemoglobin and oxymyoglobin: Pauling, Weiss, or Goddard? Explain your answer.
2. (10 points) Can you think of any experiments that would support or disprove your interpretation?