Chem 453 – Spring 2019

Problem Set #3 – Due Wednesday, January 30, 2019

1. Assign the point group of the following molecules in the conformation shown. For each example determine if the molecule is chiral or not.

a) ![Molecule A]
b) ![Molecule B]
c) ![Molecule C]
d) ![Molecule D]
e) ![Molecule E]
f) ![Molecule F]
g) ![Molecule G]
h) ![Molecule H]
i) ![Molecule I]
2. Assign the point groups of the example molecules listed on the following website:


For each example determine if the molecule is chiral or not.