

**Announcements:**

1. HW7 (a smaller assignment ) due today; HW8 due Monday.
2. In my office today: Hours 6-8, possibly first half of 10.

**Main ideas from today:**

1. What is the definition of the convex hull of a set of 2-dimensional points?
2. Describe the brute force Convex Hull algorithm.
3. Describe the “divide” part of the QuickHull algorithm. (Include  $P_1$ ,  $P_n$ ,  $S_1$ , and  $S_2$  in your description)
4. How do we construct the upper hull from the set  $S_1$  and points  $P_1$  and  $P_n$ ?

