

Algorithms in Structural Bioinformatics

Assignment 4 (I. Emiris)

version 27/3/13. Deadline: Tue. 2/4/13, start of class

α -shape

Given sites $O = (0, 0)$, $A = (4, 0)$, $B = (3, 2)$, $C = (3, 3)$, $D = (0, 6)$, $E = (4, 7)$, $F = (8, 0)$, $G = (5, 2)$, compute the α -shape S_α and the α -complex C_α , as α takes values from 0 to $+\infty$, and indicate the values of α where S_α and C_α change.