

Problem 5. Winged edge mesh representation (20 points).

The DECL representation is given on the right. Given this, answer the questions below.

First: give short expressions to give:

a) $e.right$: the face on e 's right side

b) $e.onext$: the next half-edge that shares e 's origin that comes after e in ccw order

c) Give an algorithm to give the *right* face of e in ccw order.

d) Give an algorithm to give all the vertices adjacent to $e.org$ in any order.

