

Ex. 5.4-3

IDEA: ~~Constructive~~: show that from a non-simple path you can define a simple path.

~~Algorithm~~

- i.e. given a non-simple path; (v_1, \dots, v_k)
if subpath (w_1, \dots, w_k) forms a cycle ($w_1 = w_k$),
I can remove nodes w_2, \dots, w_k from the
original path and the new path will be
a path between v_1, v_k .
-- If the new path is simple I am done
- If the new path is not simple, I need
to repeat the above.

~~Algorithm~~