COT 4521: Intro. to Computational Geometry (Fall 2020)

Worksheet 7

Ground Rules

This assignment is intended to be solved within your group. However, you must submit your own answers. For all questions we expect you to show yours work!

Submission

Upload your answers and associated work to canvas as a single scanned, typed, or photographed PDF document. Be sure that your submission is legible.

Assignment Instructions

1. For the following polygon, perform diagonal-based triangulation. Show/label each step of the algorithm.
2. For the following polygon, perform ear-based triangulation (the $O(n^2)$ version). Show/label each step of the algorithm.