

## MA 391 ESSAY # 5

Choose ONE of the two topics below for your essay. Be sure to provide evidence in support of your conclusion. Your essay should be typed, double spaced, 12 pt Times New Roman font, at least 750 words.

- (1) People often advocate for using the fair division methods we have discussed to draw boundaries in territorial disputes between countries. (For example, the islands in the South China Sea.) As far as I can tell, this has never been actually tried. Do you think this is a good idea? Why or why not?

- (2) Find a real-world problem that could be solved using the stable marriage algorithm. Do you think that the stable marriage algorithm would produce good results in this case? Why or why not?