

### MATE 4031 assignment 3: sections 4.2, 4.3

A reminder to see the instructions on the posted web page on how to number these problems.

#### §4.2:

19–23. Exercises 1, 2, 7, 8, 15.

#### §4.3:

24–27. Exercises 2, 4, 5, 8.

Hint for 24(b) (corresponds to 2(b) of text):  $A$  solves the equation  $AS = SB$ . Do not invert  $S$ , but use the same idea as in the posted comment about problem 12 (of hw 2).