Homework #2(Week 3) – MSCA 32010

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1.

2.

3a If A is symmetric, 10 entries can be chosen independently.

3b If A is skew-symmetric, 6 entries can be chosen independently

4a True

4b True

4c False

Bonus

Four conditions on a, b,c,d

a≠0

a≠b

a≠c

c≠d