

ASTE 404

Quiz 3

Nikita Persikov

Problem 1: (see attached handwritten work)

Problem 2:

- a) Singular (see attached handwritten work)
- b) Identity
- c) Non-Square
- d) Dense
- f) Diagonally-Dominant
- g) Banded
- h) Sparse
- I) Symmetric

Problem 3: **True**

Problem 4: **False**

Problem 5: **False**

Problem 6: **True**

Problem 7: **Successive Over Relaxation**

Problem 8: **Elliptic**