

Homework 1

Due February 19, 1997

1. Green & Limebeer, Problem 1.1.
2. Green & Limebeer, Problem 1.2.
3. Green & Limebeer, Problem 1.4.

Hints:

- $\mathbf{g}^\sim(s)$ denotes $\mathbf{g}(-s)$. (For matrices, $\mathbf{G}^\sim(s) = \mathbf{G}(-s)^T$.)
- Take $\tilde{\mathbf{q}} = \mathbf{a}q\mathbf{m}$.

4. Green & Limebeer, Problem 1.5.

Hint: Take $\tilde{\mathbf{q}} = \mathbf{a}q\mathbf{w}$.