

I. Even High Dimensional Models

A. *Factor Price Equalization in Even Models*

B. *Algebra of the even HOV Model*

1. Properties of inverse of positive matrix

a) *Contrast two by two with higher dimensional case*

2. Rybczynski Theorem

3. Heckscher-Ohlin-Vanek Model

4. Stolper-Samuleson Theorem

a) *Cost minimization implies $\theta = w'dA$*

5. Reciprocity

C. *Geometry: Leamer Triangle*

II. More goods than factors

A. *Three goods, two factors*

1. Prices that leave indeterminate production levels

2. Multi-cone case

B. *n - goods, three factors: Leamer triangle*

III. Non-traded goods

A. *Two traded goods, two factors and one nontraded good*

IV. Traded Intermediate inputs

A. *Two final goods, one primary input: The Ricardian Case*

V. More factors than goods

A. *Two factors, one good: The growth literature assumption*