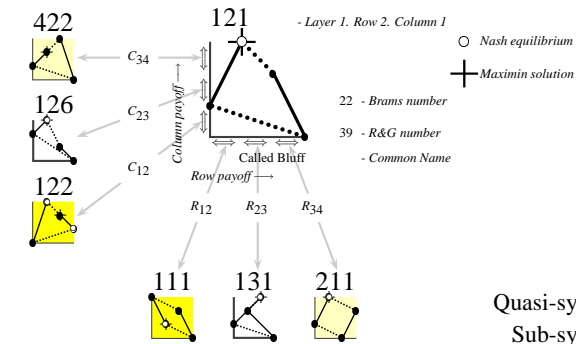


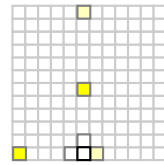
A Periodic Table of the Ordinal 2×2 Games

Reading a Game and its Neighbours

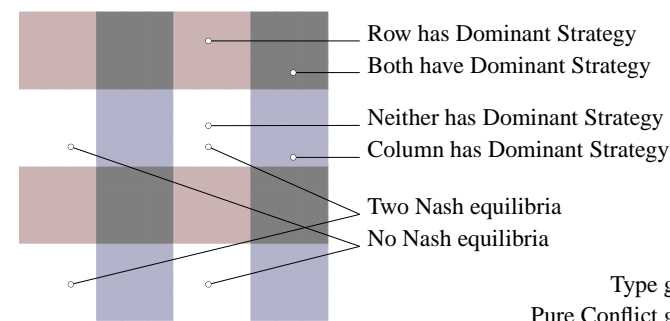


Reading the Periodic Table

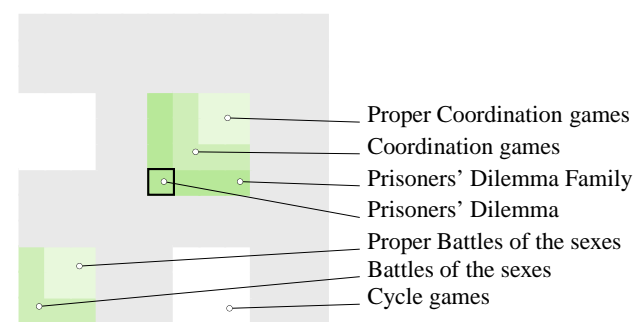
- adjacent games are neighbours: 121 & 131
- the table is a torus: 121 & 211 are neighbours
- each layer is a torus: 121 & 111 are neighbours
- other neighbours are across layers: 253 & 454 are neighbours, 453 & 254 are neighbours



Dominant strategies and Nash equilibria

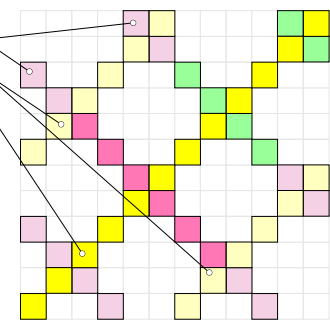


Social Dilemmas

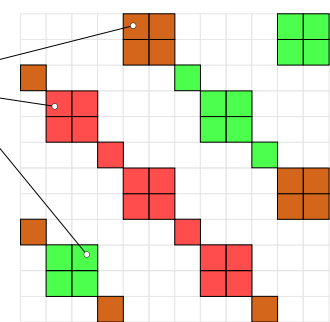


- Quasi-symmetric games
- Sub-symmetric games
- Symmetric games

Axes of symmetry

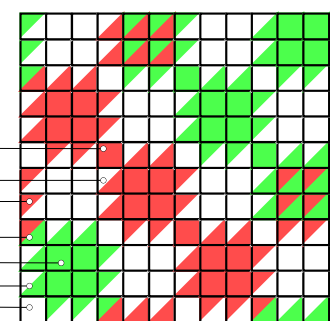


The Pure Games



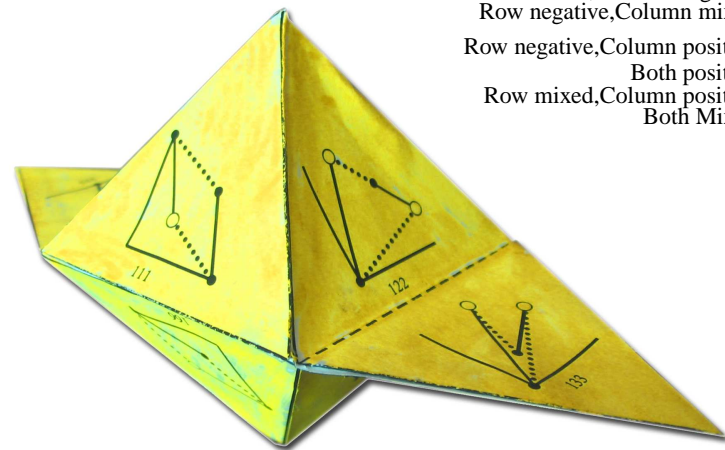
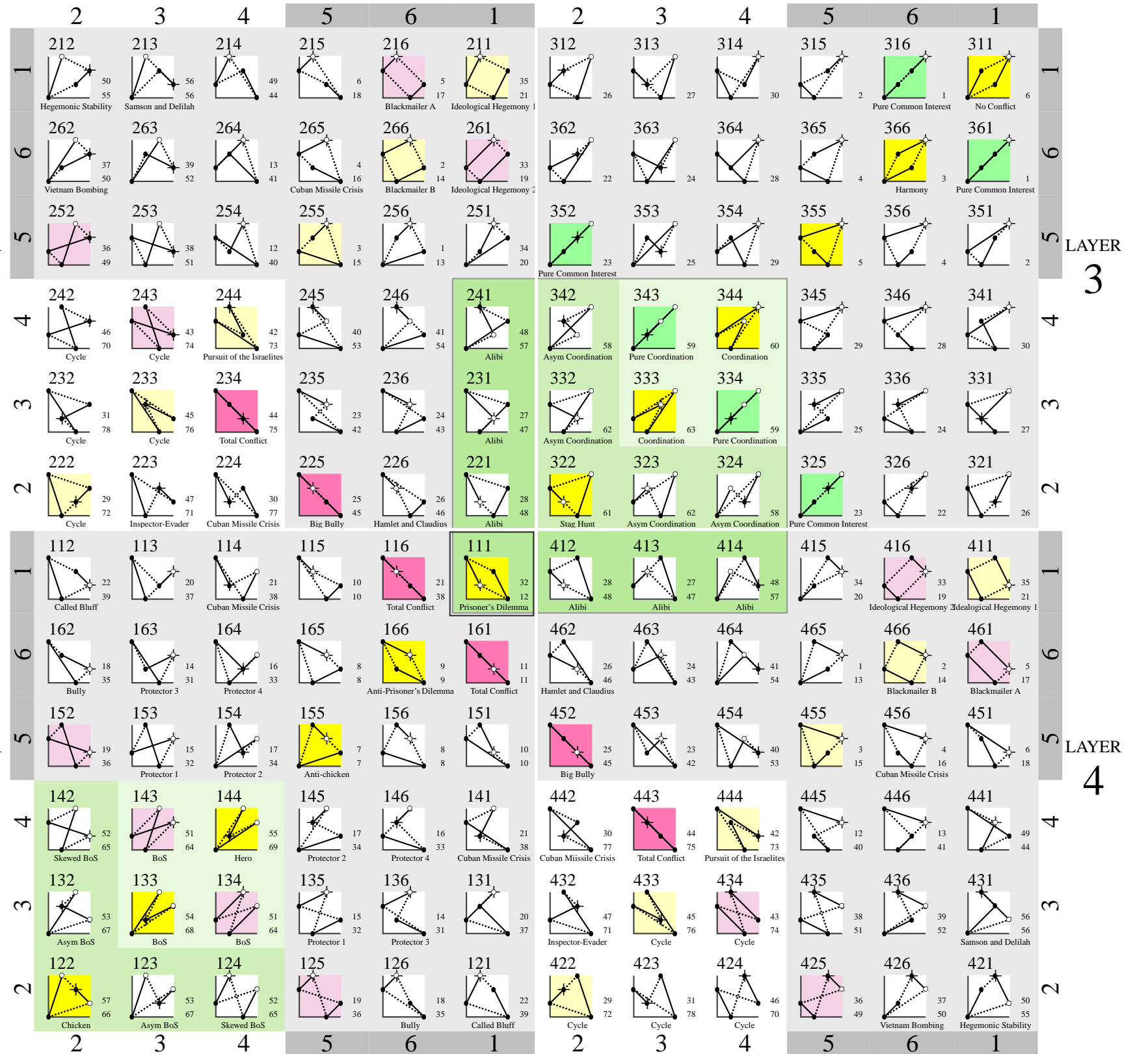
- Both negative
- Row mixed, Column negative
- Row negative, Column mixed
- Row negative, Column positive
- Both positive
- Row mixed, Column positive
- Both Mixed

Inducement correspondence slopes



LAYER 2

LAYER 1



plan available at www.cs.laurentian.ca