

Game Theory – fictitious Play

Use the Fictitious game method to solve the following large problem.

Rules: 3 iterations

Start with Row C

For Ties use the lower Row & Column

		Scott		
		F	G	H
Peg	A	7	2	12
	B	10	11	4
	C	8	8	13
	D	6	1	3

How often should Peg play strategy C?

1/3, 2/3, .5, .25

How often should Scott play strategy F?

1/3, 2/3, .5, .25

What is the Game Value

$6.5 \leq GV \leq 7.25$

$8.667 \leq GV \leq 9.667$

$26 \leq GV \leq 29$

$78.0078 \leq GV \leq 43.497$