

Game Theory WS 2013/2014

9. Exercise Sheet

28. (a) Find all equilibria of the following game and determine which of them defines an evolutionary stable strategy.

		Population	
		Dove	Hawk
Mutation	Dove	2,2	1,3
	Hawk	3,1	7,7

- (b) What conditions on a, b, c, d guarantee the existence of an evolutionary stable strategy (ESS) for the following game?

		Player II	
		L	R
Player I	T	a,a	d,c
	B	c,d	b,b