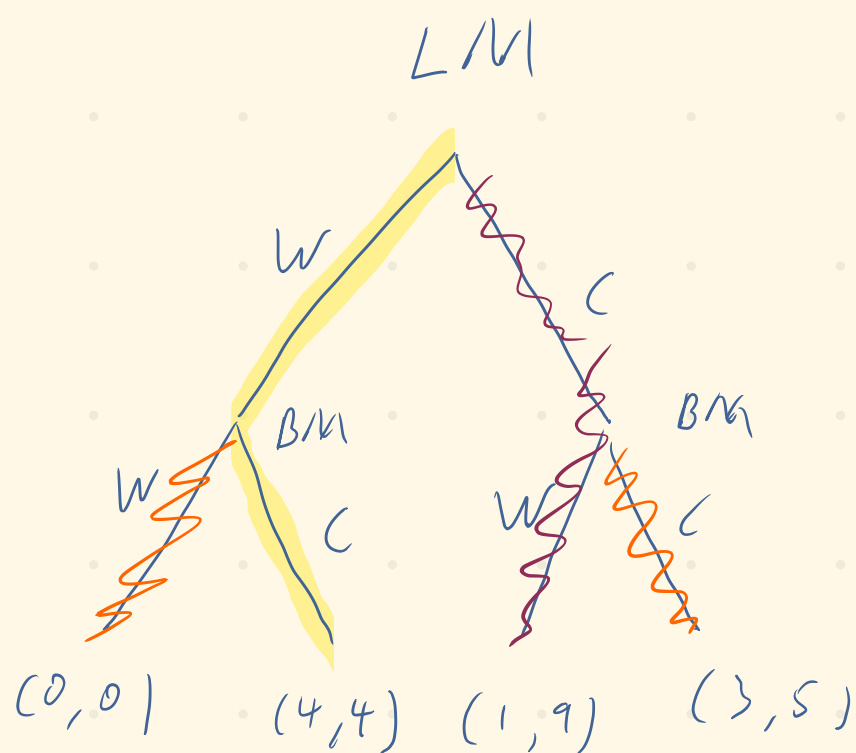


1 For player 2, x, y, z is strictly dominated by w
 z is weakly dominated by x and y

For player 1, no such strategy is weakly or
strongly dominated.

2



(LM, BM) payoffs

So LM will choose wait and BM will choose climb after back ward induction

3)

$$48y - 4xy - 6y^2$$

$$\frac{\partial \pi}{\partial y} \quad 48 - 4x - 12y = 0$$

$$y = \frac{4x - 48}{12}$$

$$y = \frac{x}{3} - 4$$