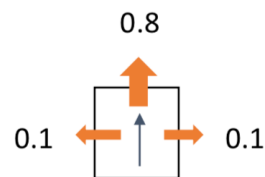# CSSE 413: Worksheet: Calculating a policy from a value matrix

Please calculate the values of the following actions, given the transition function and value matrix

3	0.812	0.868	0.918	+1
2	0.762	W	0.660	-1
1	0.705	0.655	0.611	0.388
	1	2	3	4

0.8

0.1   0.1

Here is the formula: $\sum_{s'} P(s' \mid s, a) U(s')$

Down:

Left:

Right: