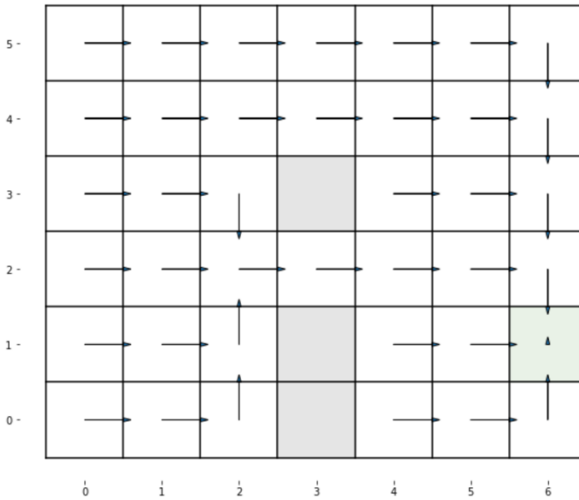


Mingjia Yao, 905302291
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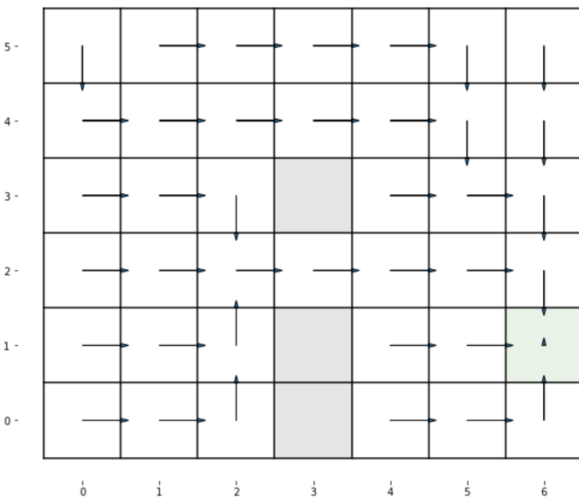
Value and policy table of goal A, with original reward

5 -	28.006	32.229	36.921	42.134	47.927	54.363	61.515
4 -	32.229	36.921	42.134	47.927	54.363	61.515	69.461
3 -	36.921	42.134	47.927	0	61.515	69.461	78.29
2 -	42.134	47.927	54.363	61.515	69.461	78.29	88.1
1 -	36.921	42.134	47.927	0	78.29	88.1	99.0
0 -	32.229	36.921	42.134	0	69.461	78.29	88.1
	0	1	2	3	4	5	6



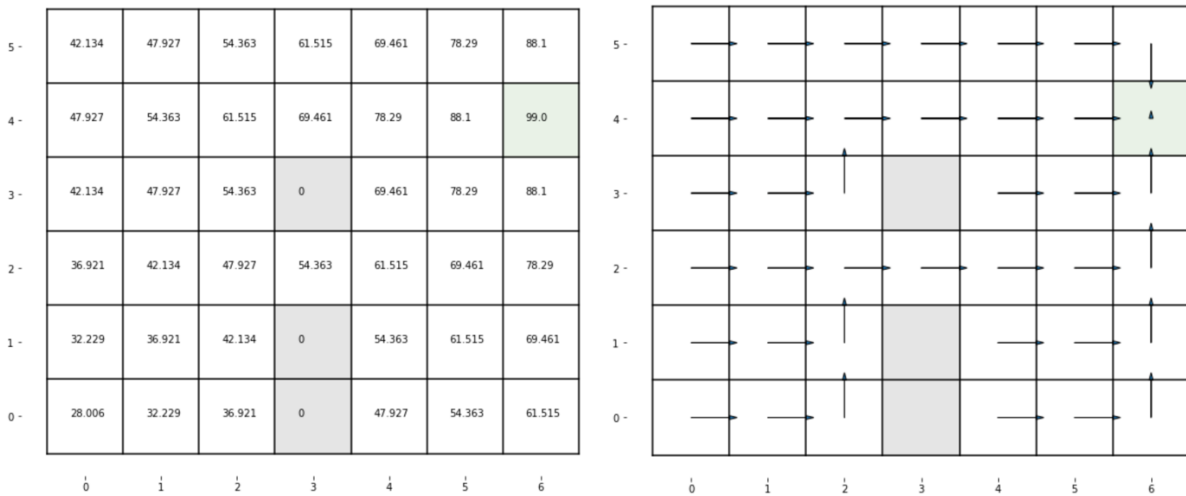
Value and policy table of goal A, with new reward

5 -	45.891	50.182	55.092	60.473	66.451	73.094	80.351
4 -	50.25	55.092	60.473	66.451	73.094	80.475	88.538
3 -	55.092	60.473	66.451	0	80.475	88.676	97.788
2 -	60.473	66.451	73.094	80.475	88.676	97.788	107.912
1 -	55.092	60.473	66.451	0	97.788	107.912	119.162
0 -	50.25	55.092	60.473	0	88.676	97.788	107.912
	$\frac{1}{0}$	$\frac{1}{1}$	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{6}$

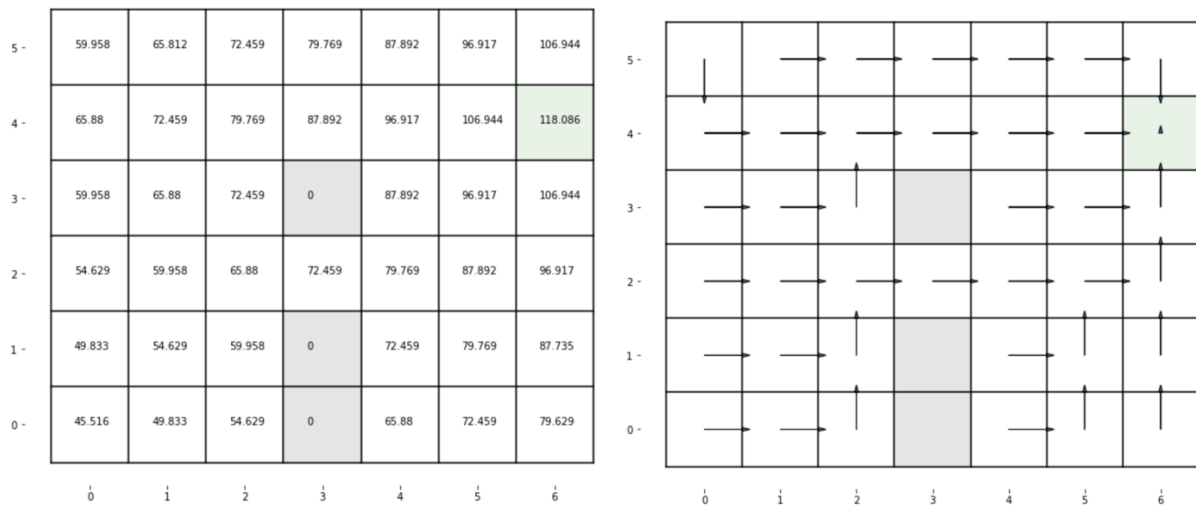


In the policy table of the new reward table, the policy of state (0,5) changes to avoid the ambiguity with goal C, and the policy of state (5,4), (5,5) change to avoid the ambiguity with goal B.

Value and policy table of goal B, with original reward

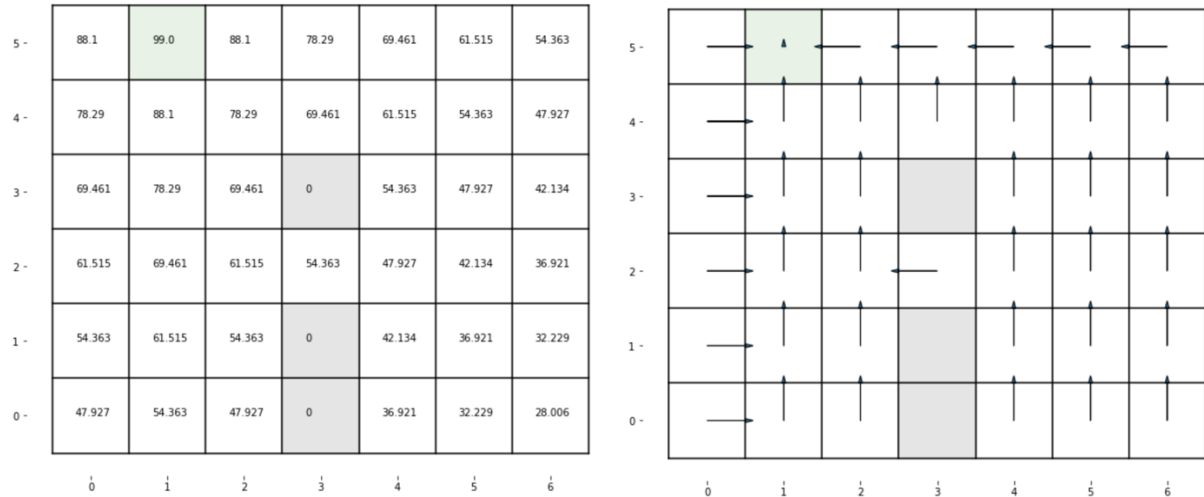


Value and policy table of goal B, with new reward

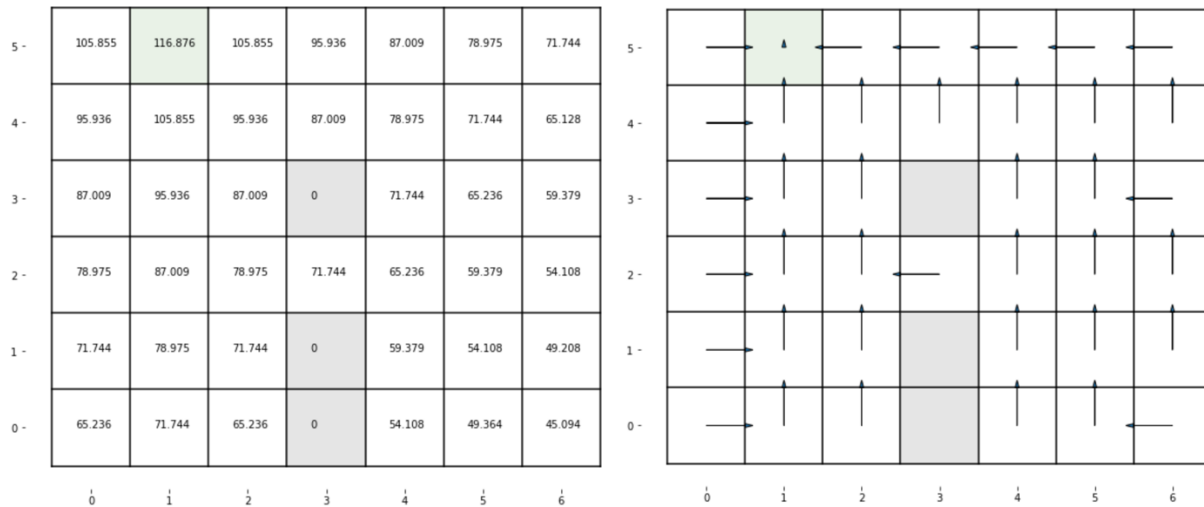


In the policy table of the new reward table, the policy of state (0,5) changes to avoid the ambiguity with goal C, and the policy of state (5,0), (5,1) change to avoid the ambiguity with goal A.

Value and policy table of goal C, with original reward



Value and policy table of goal C, with new reward



In the policy table of the new reward table, the policy of state (6,3) changes to avoid the ambiguity with goal B, and the policy of state (6,0) change to avoid the ambiguity with goal A.