

Monte Carlo Tree Search

default policy: random

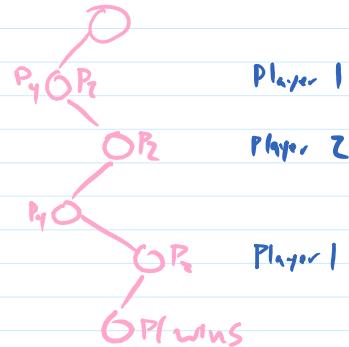
move-averaged sampling technique (MAST) Kalah-pit to start from
 extract possible moves from game definition] chess - all pairs of squares
 maintain reward for each move over all playouts in same row/cell/diag set
 bias towards actions with higher observed reward

~~if we choose pit 0 and win~~

predicate average (PAST)

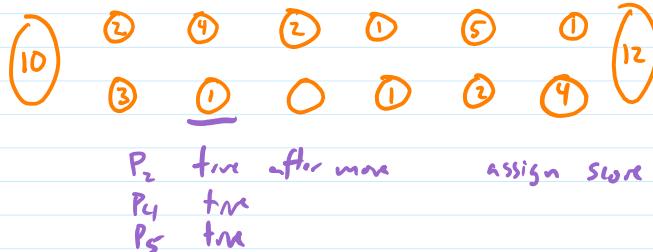
- P₁ : N has more in store
- P₂ : S has more in store
- P₃ : N has no pit w/ > 2 seeds
- P₄ : $\neg P_3$
- P₅ : last pit is empty
- P₆ : $\neg P_5$

	n	r	
P ₁ : N has more in store	100	0.52	
P ₂ : S has more in store	50	0.47	0.434
P ₃ : N has no pit w/ > 2 seeds	50	0.38	
P ₄ : $\neg P_3$	102	0.55	0.51
P ₅ : last pit is empty	50	0.7	
P ₆ : $\neg P_5$	100	0.3	



P₁ move and capture
 P₂ move and capture
 P₁ move and free
 P₂ move and free
 ;

move was a capture
 move resulted in free turn !



bias towards moves with higher score