

Ball Location Model



Image I_{in}



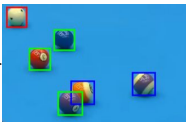
Dot detections d



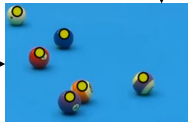
Line estimation



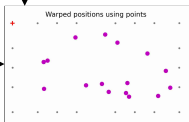
Homography H



Ball detections b



Center points p

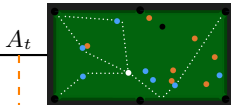


Ball positions

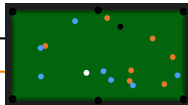
Shot Suggestion Model



Output I_{out}



RL Agent



Environment

A_t

S_t

R_{t-1}