



Figure 1: Schematic of the coarsened possession process C , with states (rectangles) and possible state transitions (arrows) shown. The unshaded states in the first row compose C_{poss} . Here, states corresponding to distinct ballhandlers are grouped together (Player 1 through 5), and the discretized court in each group represents the player's coarsened position and defended state. The gray shaded rectangles are transition states, C_{trans} , while the rectangles in the third row represent the end states, C_{end} . Blue arrows represent possible macrotransition entrances (and red arrows, macrotransition exits) when Player 1 has the ball; these terms are introduced in Section ??.