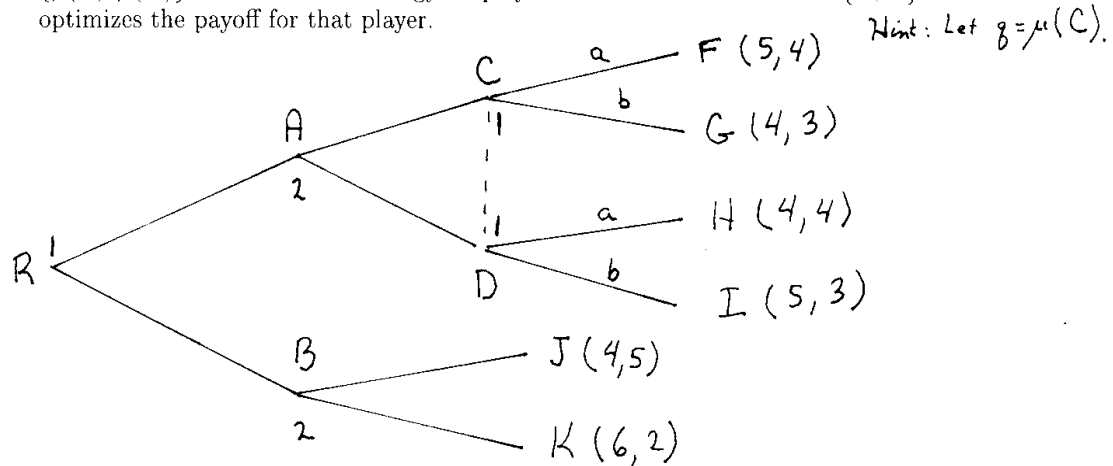


3. (25 Points) Consider the sequential game with imperfect information given in the following tree. The nodes $\{C, D\}$ are in one information set. For various choices of beliefs $\{\mu(C), \mu(D)\}$ determine the strategy for player one at the information set $\{C, D\}$ which optimizes the payoff for that player.



4. (25 Points) Consider the sequential game with imperfect information given in the following tree. Show that the (pure) strategy $\{RB, DI, CG\}$, $\{AD, BK\}$ is a Nash equilibrium but not a subgame perfect equilibrium.

