$$r_{14}$$
: if  $(u_u \text{ matches } \text{wtake the } \{OBJ\})$  then  $P(a_u' = \text{Request}(\{OBJ\})) = I$ 

$$P(a_u'=Request(ball)) = 0.7$$
  
 $P(a_u'=Request(box)) = 0.3$ 

$$P(u_u = \text{``take the ball''}) = 0.7$$

$$P(u_u = \text{``take the box''}) = 0.3$$

$$U_u$$

$$r_{14}$$