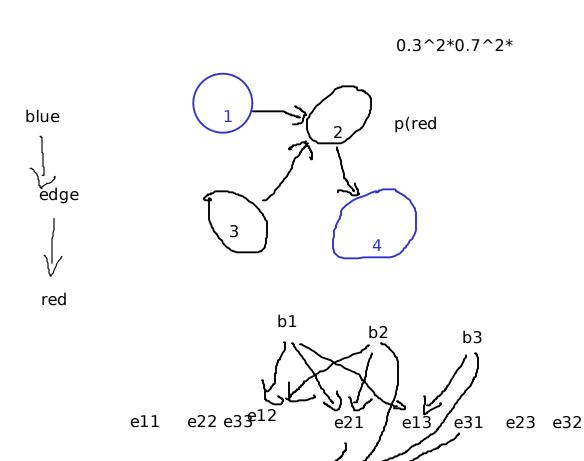


Probability formula phi defined by syntax:

phi == <constant> || <atom> || WIF phi THEN phi ELSE phi ||
COMBINE phi WITH <combination function> FORALL <variables> WHERE psi;



FO formula phi in relations blue,edge,red phi1 phi2 phi3

alpha1: exists y (blue(y) & not edge(x,y))

r2

r3