Recitation. reduce #Params. needed to Indempendence. compute goint, ports. -> Can complify some Dw/o independence. cond. prob. O marginal inde ALL B. Traz AB | P(AB). P(AIB)=P(A). FT | P3 - (P1+P2+P2). P(A. B)=P(A) . P(B). 6. Cond. Indep. AHBIC 25-1 exhaution. P(A(BC) = P(A(C). P(ARC) = P(AIC) P(BIC) 1 with margin of indemp. P (B) = P(B) + (H). D. BAYES NET. P(73 B) = ( (-P(0)).P(B). - representation of. TKJ i'ndependence con sumption. - DAG: no (00p -O WO. Inda: 251=31. - way be distormented. ( cu/ an indep. Colors durid ( D. Assamption. A variable is conditinday of its non-descending. given its parant. P(FI Parent) 1 Winarged : 5 PA 9, 292 =P(F(para(F)). P (Flague) = P(F(P) P(\$\$ LDE) & reverse & glass = P(EO CDA) 3) with conditioned = P(E) octa). P(OCTA). - P(Elocia) PCOLUM) PCLINA) PRO JA) PLA). = P(E) C) P(O)C). P(B). P(A) P(C)BA). AB PC(N). all encoded in Bayes Net (3) with conditional prob (#UNI) - 2#parent BB. infor PC(AB)
P(ABC sex hangton all prom