DO objectue function of

【(a,b,e,f,M,至)= E { lnp(x)}+ E { lnp(w) x, ~~a)} + 気 E { lnp(xx)}+ 気 E { lnp(xx)} + 気 E { lnp(xx) x; w, か)} - E { lng(x)} - E { lng(w)} - ま E { lng(xx)}

E {enp(7)} = eolnfo - lnT(eo) + (eo-1) E {ln/} - fo E {1/}
= eolnfo - lnT(eo) + (eo-1) [4(ei) - ln(fi)] - fo ei
enrory

E { lnp(wla, ... x d) = = d ln at + /a & [[2 ln xx3 - 1/2 trace (diag [E(xi), ... E(xd)] = (wwr)) = -d lnat + 1/2 & [Lan - lnlox] - 1/2 trace (diag [E(xi), ... E(xd)] = (wwr))

{ lnp (dx)} = aoxlnbgx - ln [(agk + (aox 1) [4 (ax) - lnbiz] - bgx ax x

E3hply:1x:1wn%=-1/2ln(an)+ E2lnで - E2かませるがしは一xitw)かる=-1/2ln(an)+1/2[中lei)-ln(A)]-1/2号(は-xitw)なxityx)

E 2 lng(n)3 = e, ln, f, + enT(e,) + (1-e), 4(e,)

田多lng/wi3= 当+当ln(an)+ Valn と

Elnglax) = anxlnbix + ln [(anx) + (1-anx) P(anx)

Plugging in dhese values to the equation doore me get the objective.