proof: E(+) = / fix, x-, ... xn7 Wnee (x/dx where Wix = 1x Wnicsids. Since of fixing in] = dyw = lim (1x+1)-41x 38+(x+1) lim (1) = f[x,,,xn,5] = [111/2] 7 116 (x, x+1) midWib= So War 181 dg = 0 by (5-x0) " (5-xn) can be transform to odd-function integral un symmetric interval at 0; and Was = la mmissids = 0 => D: - Sa (11/1) Sa Wn+1 (5) ds dx Since In Ja Wnor (s) ds dx = Ju Js Wnor (s) dx ds : (D: - + 182)) (1-x0) - (3-x0) (Xn-5) d5 = - + (12) [1/2] T= 1 th - .. (14-11) [In-t/h] hdt = - hnes 1 tl-y(t-ne)(t-nidl = - h 113 / + lt-v ... lt-w uk =) F(f) = hors f(nry(3)) / t' |t-1) - (t-w) dt 0