Monday, December 13, 2021 10:08 AM

(1)

(3)

3

## Behaviour of AC is Punely Capacitive Circuit v = Vmsinut $\dot{c} = c \frac{dv}{dt} = c \frac{dv_c}{dt}$ = Cd (VMSENWL) = CVm X w coswt - 2 cosut = en ( = + wt) = CVMW RED ( T + WE) = Lin ( To - wt) X = wevm. en cut to ) Vusique In mi ( w+ + 7/2 ) ひさ = 2. Vm scnwt In coswt = VmIm Rindwt Pary = D Pactère = Vome Irms Cust = 0 Preaetève = Vrms Irms entre = Vrms Irms (1)

= Apparent

New Section 71 Page 2

