```
TAPEA VRAS= P= 1/2 SIA sen (wot) 12 dl
                                                                       senz (wt) = 1-005 (2 wl)
  Vins = 1 ( | Asen (wo 6) | 2 of = P
   formula general de RMS es: XINS= 1 [Tx(t) dt
  P= 1 [[Asen(wt)]2dt = A2/ [sen2 (wt) dt
  P = A2 1 1-cos (2wf) df = A2 1 1 df - 1 ccs (2wf) ch
   P= 42 [ + 7 - [ 1 sen (2 wot)]] = 42 [ T-0] - [1 (sen(2wT) - sen(2wO))
     = \frac{A^{2} \int I - 1 (sen (2woT))}{T \left[ \frac{2\pi}{2wo} \right]} - \frac{T}{L} = \frac{2\pi}{2} \left[ \frac{1}{L} - \frac{1}{2wo} (2 \times wo \frac{2\pi}{L}) \right] - \frac{A^{2} \int I - \frac{1}{2wo} sen (4\pi)}{L}
     = \frac{A^2}{2I} [7-0] - \frac{A^2}{2}
              Vrms = A2 - VVrms = VA2 - VRms = A - VRms = Umax +
 Vens = \sqrt{\frac{1}{T}} \int_{0}^{T} (V_{max} sen (wt))^{2} dt = V_{max} V_{max}
                                                                               T = 255
  Relacion IRMS - Imax
     La nisma derestinacción sirve para la corriente senoidal i(1) = Imax sencul-ce) donde el destace (e) no afecta la magnitud - Irms = "Imax > \frac{1}{\sqrt{2}}
  Relacion entre Voras, Iran y la Potencia (con fase 6)
                                        ill)= Imax sen(wt-0)
        v(t)= Vmax sen(wt)
                            p (+)= v(+) c(+)= Umano Iman Sen (w+) sen (w+ -0)
Identical trajonometrian sen Asen B= 1 [ ccs (A-B) - cos (A+B) ] o - promedio formale
                          p(1)= Vmax. Imax [(cs(0) - cos(2w/-0)
                          p(1) = Vrax. Imax. cas (0)
```