Determine the value of interests convier concentration (ni) in Sillicon at an ambient temperature of 100 K Ni = BT 3/2 e-Es/2KT Aus 7.3×1015 × 1000 × e -1.12/8 62×10 5×1000 = 7.3×1015 x 3:14×105 x e 3.62×10-2 = 5.217 × 1015 \$2.3 How do you convert time delta to phase angle Ans the pa phase angle is given by 0 = 36 27 x At

where p is the period of wave