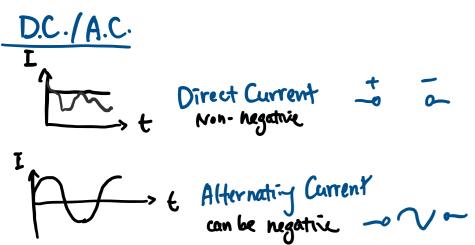
Ch22 Concept

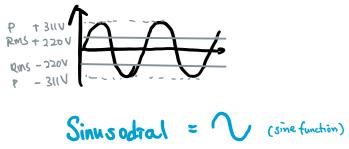
Tuesday, 27 October 2020

1

20 22:10



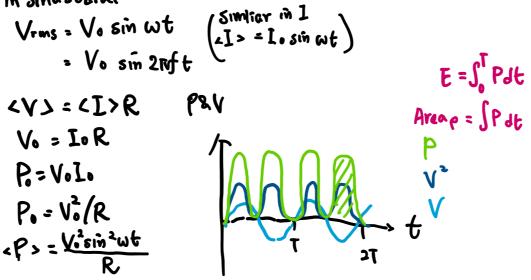
<u>AC!</u> HK: 220V. 50Hz



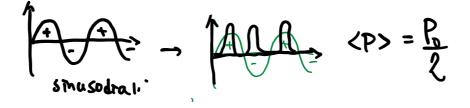
Peak value = Vo Root mean sg. value = <V >

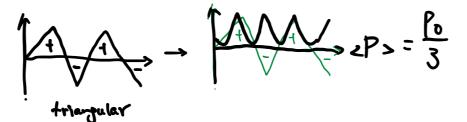
AC iii

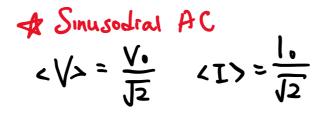
In sinusodial

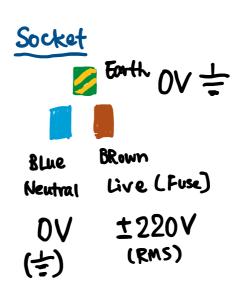












Calculate Rating

- 220V, 1000W $1 \rightarrow P = VI$ $R \rightarrow P = V^{2}/R$
- In circuit
- () cal. $R_1(const!)$ (2) $V_1 = \frac{R_1}{\Sigma R} \mathcal{E} \implies V_1$ (3) $P_1 = \frac{V_1^2}{R_1} \mathcal{O}$ R_1 (1)

Ring/Household

- 1. Circuit Breaker/Fuse - Designatel fuse -> Air con. - Each Ring perfuse Fue Poting : 1, 3, 5, 8, 13, 15 A
- 2. Ring Circuit
 Low I component → Socket
 2 Path → Cheaper (thinner
 Parallel

DB insolution - No earth when connect

Chickened John @ 2 00 2020