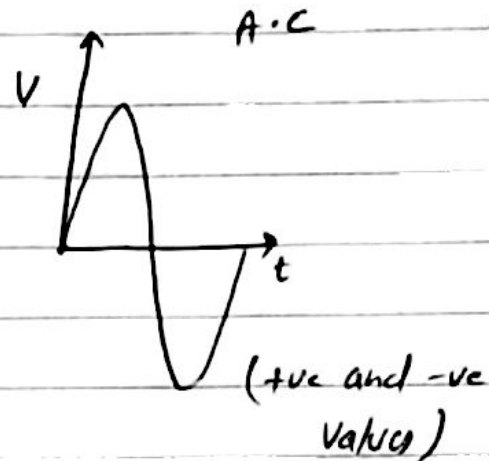
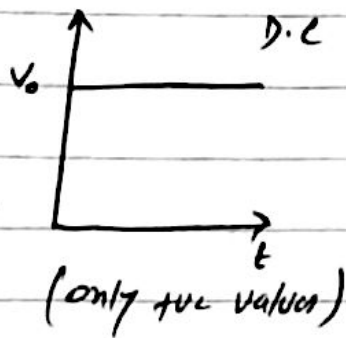


(Lecture  
10)

## D.C Power Supply

Basic diff. b/w D.C &amp; A.C



Properties of better D.C Supply:-

- i) It should be uni-directional
- ii) It should be constant
- iii) It should not fluctuate.

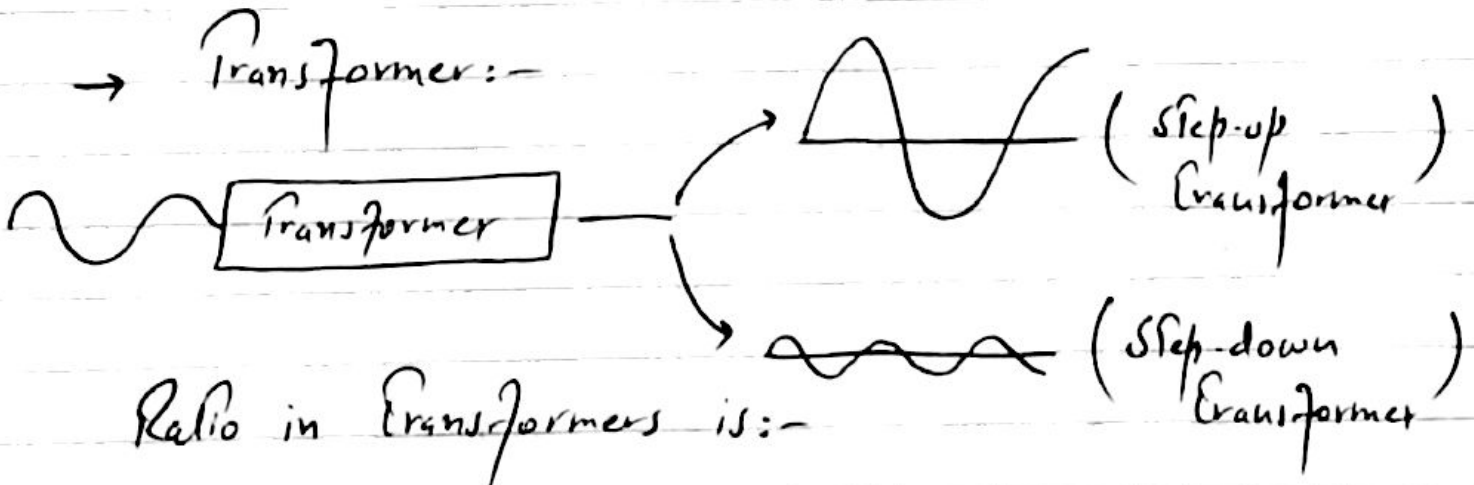
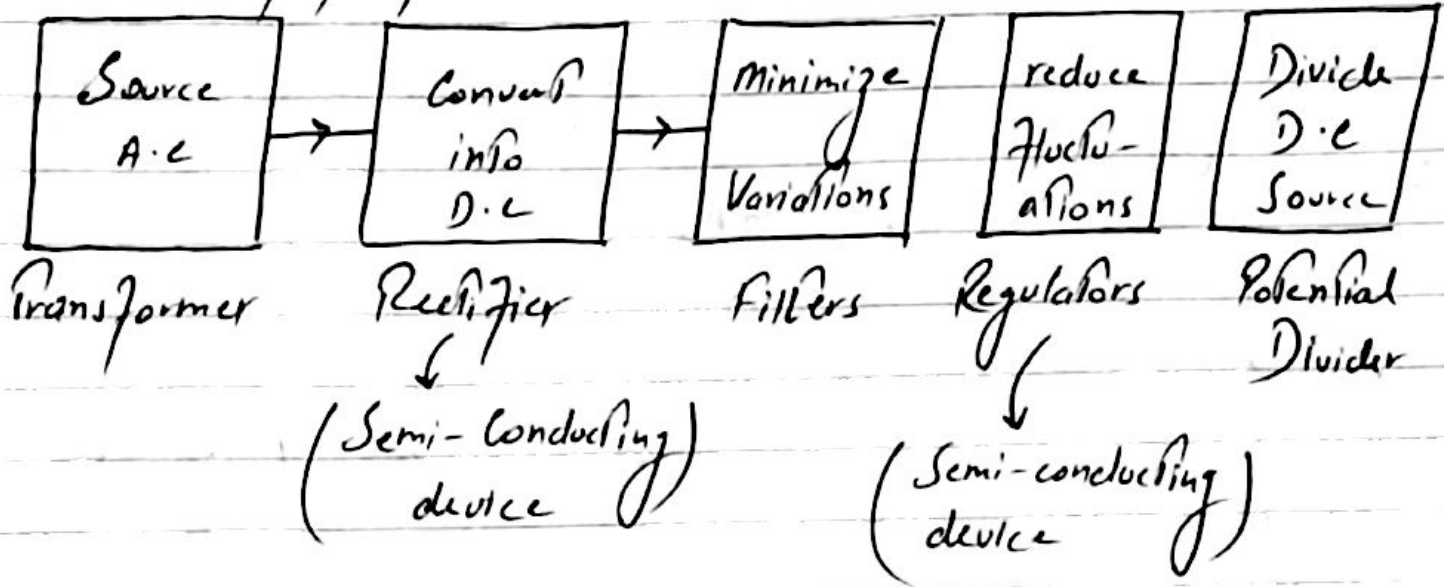
Advantages of D.C Supply:-

- i) They are cheap.
- ii) They are portable

Dis-advantages of D.C Supply:-

- i) Needs replacement or recharging.
- ii) Not available everywhere.

There are five steps to convert A.C into D.C properly:-



Ratio in Transformers is:-

$$\frac{V_s}{V_p} = \frac{N_p}{N_s}$$

$$V_s = \frac{1}{2} N_p$$

