

Characteristics of Ideal Op Amps

- 1) Infinite input impedance
- 2) Infinite gain (open loop gain)
- 3) Zero Output impedance
- 4) Infinite bandwidth

Properties

→ Op amp use negative feedback

eg proof of the V_p signal is returned in the input

$$\bullet V^{p+} - V^- = 0$$

or

$$V^{p+} = V^-$$

→ No current enters the Op-amp

