

Concept Question 10-13: The two-wattmeter method can provide a measurement of what power quantity in a three-phase network? Is the method constrained to balanced networks?

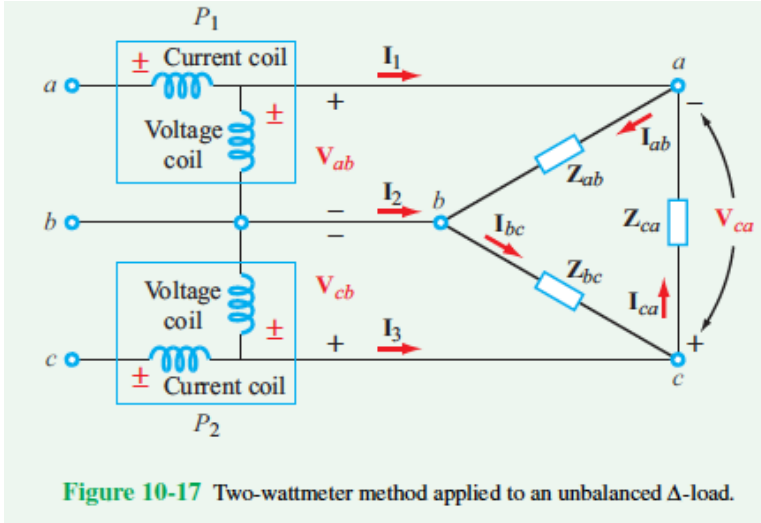


Figure 10-17 Two-wattmeter method applied to an unbalanced Δ -load.

$$P_T = P_1 + P_2.$$

(any 3-phase load)

where P_T is the total average power absorbed by any three-phase load (Y or Δ , balanced or unbalanced).