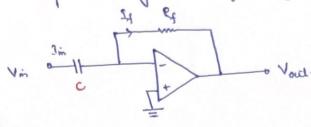
Differentialer Amplifier: 2 (Ideal)

This aperational amplifier circuit performs the metherndical operation of Differentiation.

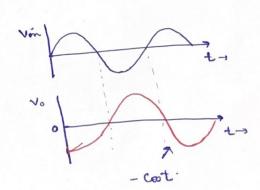
se produces a voltage outpût which is directly proportions to the input voltage rate of dange with time.



of vin => +ve, slope -ve

eq. Vin = Sint., dessume Ry = 2M2, C = 14f

180° phase shift



ey. Vin - Square Vout -> spike.