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 $L = G_{4}V = I_{1}+I_{2} = G_{1}V+G_{2}V$ = $(G_{1}+G_{2})V$ or Ga=G,+G2 or Rea=R,+ R2 Same for N parallel: Reg= 1/0+ 1/Rz $= \frac{R_2 + R_1}{R_1 + R_2} = \frac{R_1 R_2}{R_1 + R_2}$ Ga = & G, I = Z L Reg=(Z, Ri) Scries: O Req is larger than any
single resistor.

1 If one Ris much larger
than all others, it dominates. Regults'. (3) R=R=R Reg=2R



Paralle: ORca is smaller than any single
R.

@ It one Ris much smaller than al

others, it dominates.

(3) R=R=R, Req= = R