

$$A = 1/R_Z + 1/R_1 + 1/R_2 + \dots + 1/R_N$$

$$B = 1/R_X + 1/R_Y$$

$$V_O = ((B/A)R_Y)(V_1/R_1 + V_2/R_2 + \dots + V_N/R_N)$$

$$R = R_X = R_Y = R_Z = R_1 = R_2 = \dots = R_N$$

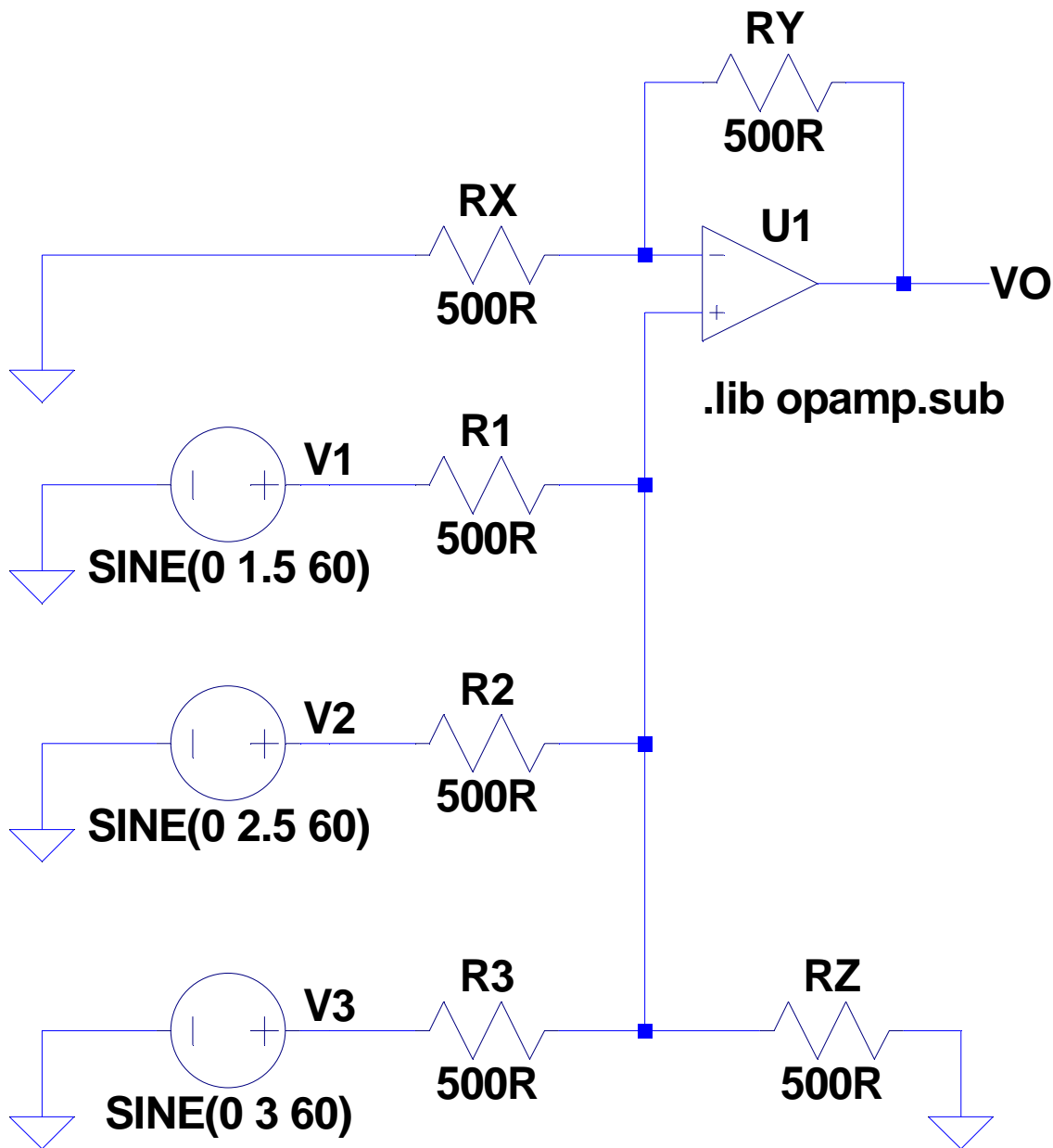
$$A = (N+1)/R$$

$$B = 2/R$$

$$V_O = (2/(N+1))(V_1 + V_2 + \dots + V_N)$$

$$V_O = (2/(3+1))(1,5V + 2,5V + 3V) = (2/4)(7V) = 0.5(7V) = 3,5V$$

$$V_O = 0.5(-1,5V - 2,5V - 3V) = 0.5(-7V) = -3,5V$$



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