Fact. 2.

$$P = \frac{R^{2} i^{2}}{C+R} [W]$$

$$C = 1, 1 [mF] + 5\% = 1, 1.01^{3} + 5\% [X, R]$$

$$R = 1, 2 [mA] + 2\% = 1.210^{-3} + 1\% [X, R]$$

$$i = 1, 2 [mA] + 1\% = 1.210^{-3} + 1\% [X, R]$$

$$E = \frac{\Delta^{\infty}}{1X} \cdot 100\% -> \Delta^{\infty} = \frac{EIM}{100\%}$$

1. Bigdy beauxagloothe promobion 
$$\Delta C = 0.05 \cdot 1, 1.10^{-3} = 5.5 \cdot 10^{-5} [F]$$

$$\Delta R = 0.02 \cdot 1.10^{-3} = 20 [R]$$

$$\Delta R = 0.02 \cdot 1.10^{-3} = 1.2.10^{-5} [A]$$
2. Stiget beauxagloothy funkty: 3 tomorrowych
$$\Delta P = \{ x (x,y,z) | \Delta^{\infty} + \{ y (x,y,z) | \Delta y - \{ y (x,y,z) | \Delta z = 1 \} \}$$

$$= \{ x (R,C,R,i) | \Delta^{C} + \{ y (x,y,z) | \Delta y - \{ y (x,y,z) | \Delta z = 1 \} \}$$

$$= \{ x (R,C,R,i) | \Delta^{C} + \{ y (x,y,z) | \Delta^{C} + \{ y (x,y,z) | \Delta^{C} = 1 \} \}$$

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$$\frac{\partial P}{\partial R} = \frac{1}{\sqrt{2}} \frac{\partial^2 (i^2 R^2) (C+R) - (i^2 R^2)}{\partial R} \frac{\partial}{\partial R} (C+R)}{(C+R)^2}$$

$$= \frac{i^2 \cdot 2R \cdot (C+R) - i^2 R^2}{(C+R)^2} \frac{\partial}{\partial R} (C+R) \frac{1}{(A+A)^2} \frac{\partial}{\partial A} (O+A)$$

$$= \frac{2Ri^2}{C+R} - \frac{i^2 R^2}{(C+R)^2} = \frac{2(A0^3)(A12 \cdot A0^{-3})^2}{(A140^3 \cdot A0^3)^2} \frac{(A0^3)^2}{(A140^3 \cdot A0^3)^2} \frac{(A0^3)^2}{(A140^3 \cdot A0^3)^2} \frac{\partial}{\partial A}$$

$$= \frac{R^2}{C+R} \cdot \frac{\partial}{\partial R} (I_R^{(2)}) - \frac{2L}{C+R} \cdot 2i - \frac{2iR^2}{C+R} = \frac{2(A2 \cdot A0^3)(A0^3)^2}{(A14 \cdot A0^3)^2 \cdot A0^3} \approx 2I4C$$

$$\frac{\partial P}{\partial A} = \frac{R^2}{C+R} \cdot \frac{\partial}{\partial R} (I_R^{(2)}) - \frac{2L}{C+R} \cdot 2i - \frac{2iR^2}{C+R} = \frac{2(A2 \cdot A0^3)(A0^3)^2}{(A14 \cdot A0^3)^2 \cdot A0^3} \approx 2I4C$$

$$\frac{\partial P}{\partial A} = \frac{R^2}{C+R} \cdot \frac{\partial}{\partial R} (I_R^{(2)}) - \frac{2L}{C+R} \cdot \frac{\partial}{\partial R} (I_R^{(2)}) - \frac{2L}{C+$$