

$$c) A > 0, B < 0$$

$$M_A = 0010 \ 0001 \ 0100$$

$$-M_B = 0110 \ 0011 \ 1110$$

$$M_C = -0100 \ 0010 \ 1010$$

1	1000	010	0100	0010	1010
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$$C^* = -(0.42 A) / b^2 = -66.62 \text{ f}$$

$$\Delta C = -66.61 + 66.62 \text{ f} = 0.01 \text{ f}$$

$$\delta C = \left| \frac{\Delta C}{C} \right| \cdot 100\% = 0.02\%$$