

$$\text{Seite 2}$$

$$1) f(19) = -361$$

$$-361 = R \cdot \left(\frac{1}{12} \cdot 130321 - \frac{19}{6} \cdot 6859 + 30 \cdot 361 \right) + 19L + C$$

$$-361 = \frac{-361}{12} R + 19L + C$$

$$2) f(4) = 3584$$

$$3584 = R \cdot \left(\frac{1}{12} \cdot 256 - \frac{19}{6} \cdot 64 + 30 \cdot 16 \right) + 4L + C$$

$$3584 = \frac{3584}{12} R + 4L + C$$

$$3) f(15) = 3375$$

$$3375 = R \cdot \left(\frac{1}{12} \cdot 50625 - \frac{19}{6} \cdot 3375 + 30 \cdot 225 \right) + 15L + C$$

$$3375 = \frac{3375}{12} R + 15L + C$$

$$\Rightarrow \left. \begin{array}{l} 1) -361 = \frac{-361}{12} R + 19L + C \\ 2) 3584 = \frac{3584}{12} R + 4L + C \end{array} \right\} \ominus$$

$$-3915 = \frac{-3915}{12} R + 15L + C$$

$$-3915 = \frac{-3915}{12} R + 15L + C \left. \vphantom{-3915} \right\} \ominus$$

$$3) 3375 = \frac{3375}{12} R + 15L + C$$

$$-7320 = -610 R$$

$$\Rightarrow R = \frac{-7320}{-610}$$

$$\Rightarrow R = 12$$

$$\Rightarrow 3375 = \frac{3375}{12} \cdot 12 + 15C$$

$$\Rightarrow 15C = 3375 - 3375$$

$$\Rightarrow C = 0$$

$$\Rightarrow L = 0$$