

Correction of Periodic Motion Artifacts Along

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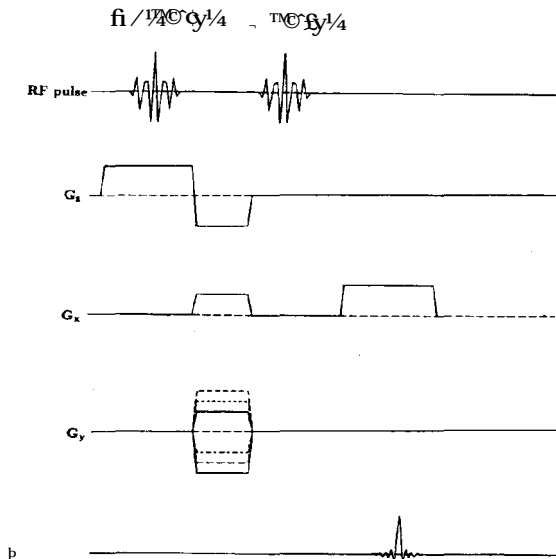


Fig. 1X - fi fi - fim

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^m.ÜÖ¼%# : ? F B GDT(6U;)x

$$g|Bçi - h i \frac{\gamma}{2\pi} U \dots$$

$$i w_4 t_i \frac{D U E}{v \cdot x U} \dots \frac{U w}{v \cdot x U}$$

∫

G

$$S(K_x, K_y, T) = m_0 m(T) e^{-iK_x x_0} e^{-iK_y y_0}$$

$$= (m_0 e^{-iK_x x_0} e^{-iK_y y_0})$$

$$\left[\sum_{n=1}^{\infty} \frac{\Delta m_n}{n} \right]$$

$$S(t, G_x, z_0) = m_0 \tilde{m}(z_0) \exp \left\{ \left(-2\pi i \left[\left(-\frac{\gamma}{2\pi} G_x x_0 \right) t + \left(\frac{\gamma}{2\pi} t, y_0 \right) G_y \right] \right) \right\} \quad (2)$$

C (for G.) are connected through the following equation

$$T = \frac{C \# f}{\Delta D \Gamma R} \quad \# 3 f$$

$$\int_{K_x} m_0 e^{iK_x y} dK_x + \sum_{n=1}^{\infty} \int_{K_x} \Delta m_n$$

where C are the steps by which C is

$$S(K_x, K_y) = m_0 m(K_y) e^{-iK_x x_0} e^{-iK_y y_0}$$

$$= (m_0 e^{-iK_x x_0} e^{-iK_y y_0})$$

$$\cdot \left[1 + \sum_{n=1}^{\infty} \dots \right]$$

$$S(K_x, K_y) = \int_{-\infty}^{\infty} m_b(x, y) e^{-i(K_x x - K_y y)} dx dy$$

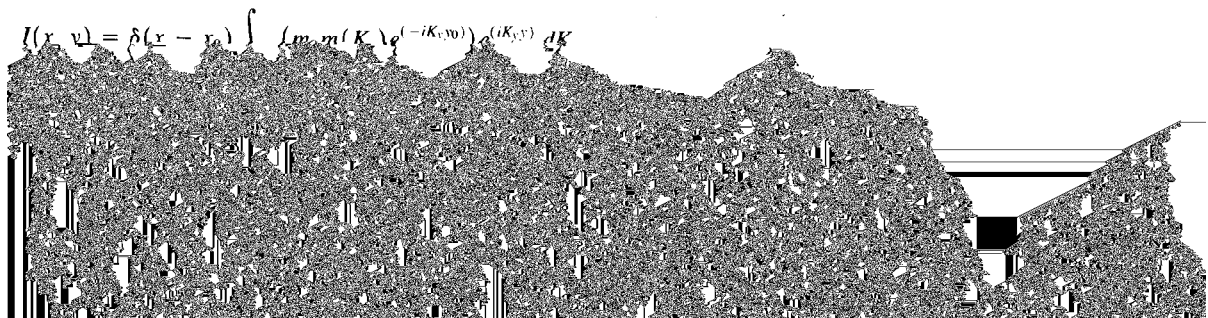
$$\sum_{n=1}^{\infty} \dots$$

$$\cdot \cos \left(\frac{2\pi n N_b K_y}{N_y \Delta K} + \phi_n \right)$$

$$I(x, y) = \int_{K_x} \int_{K_y} m_0 m(K_y) e^{iK_x(x-x_0)} e^{iK_y(y-y_0)} dK_x dK_y$$

$$S(K_x, K_y) = M(K_x, K_y) \left[1 + \sum_{n=-\infty}^{\infty} \frac{\Delta m_n}{m_0} \right]$$

$$\cdot \cos \left(\frac{2\pi n N_b K_y}{N_y \Delta K} + \phi_n \right)$$

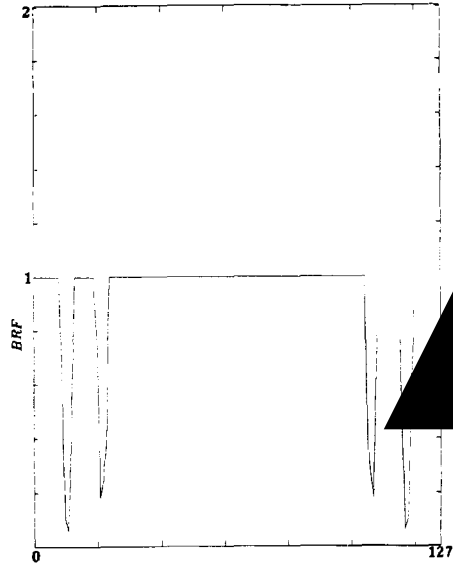


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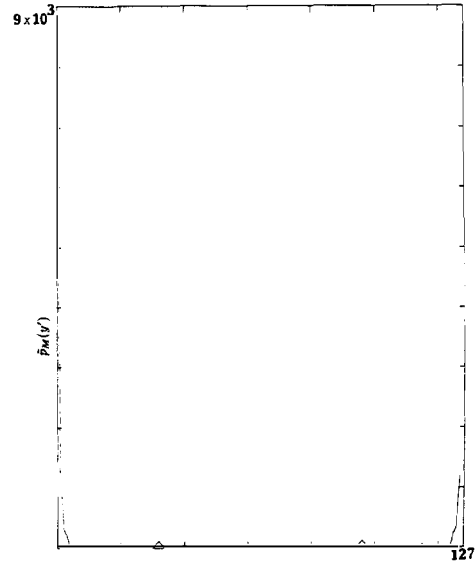
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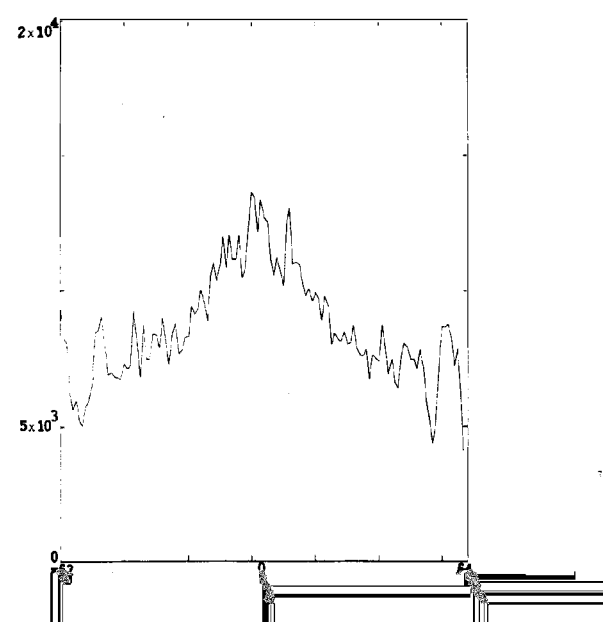
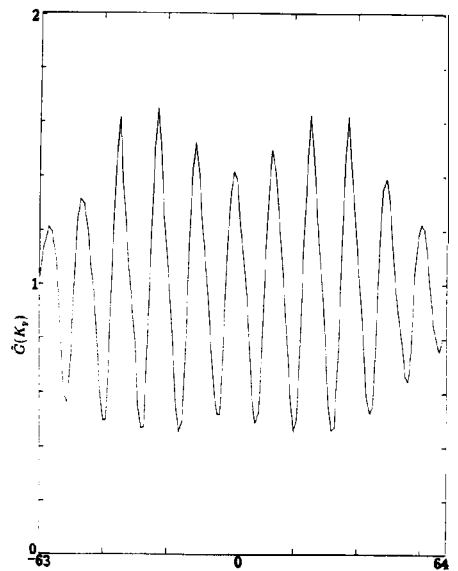
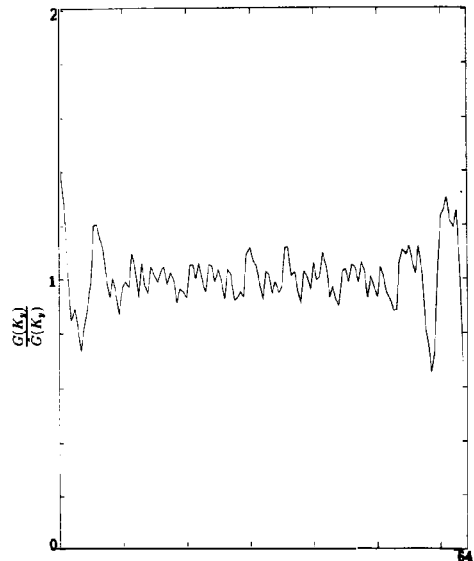
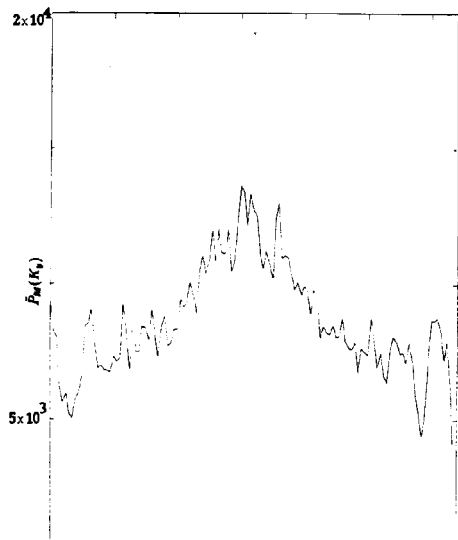


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