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Erratum

Passive mixer model for multi-contrast magnetic particle spectroscopy

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Erratum to

The argument of Chebyshev polynomial should be normalized by B_{max} and Formula (3) on page 2 should read then:

$$\hat{m}(B) = \sum_{i=0}^{L-1} a_i T_{2i+1}(B/B_{\max}). \tag{3}$$

The excitation signal should read:

$$B(t) = B_0 + B_1 \cos\left(2\pi f_1 t + \theta_1\right) + B_2 \cos\left(2\pi f_2 t + \theta_2\right) \tag{5}$$

A typo in Formula (6) makes phase terms inconsistent with previous signal definition in Formula (4). Formulae (6) and (7) should read:

$$P(\vec{k}) = \exp\left(j\left(\theta_1(k_1 - k_2) + \theta_2(k_3 - k_4)\right)\right) \tag{6}$$

$$F(\vec{k}, t) = \exp\left(j2\pi t\left(f_1(k_1 - k_2) + f_2(k_3 - k_4)\right)\right) \tag{7}$$

where j is the imaginary unit.