Erratum

Echo Phenomena in Electron Paramagnetic Resonance Spectroscopy
[Appl. Magn. Reson. 7, 363–403 (1994)]

A. Ponti and A. Schweiger

Misprints have been found in Eqs. (20), (43), (68) and (69). Correct versions of equations are given below:

Page 375

$$\sigma[(t_p + \tau)^-] = -\cos(\omega_{\text{eff}} t_p) S_z$$
$$- \sin(\omega_{\text{eff}} t_p) \sin(\omega_S \tau) S_x$$
$$+ \sin(\omega_{\text{eff}} t_p) \cos(\omega_S \tau) S_y \ . \tag{28}$$

Page 382

$$M_z(2\tau) = -(g\beta_e / 2)\left[\frac{1}{2}\sin^2(2\chi) - 1\right]$$

and

$$M_x(2\tau) = +(g\beta_e / 2)\sin(2\chi)\sin^2 \chi \ . \tag{43}$$

Page 392

$$\sigma_a(2\tau) = -\frac{i}{2}[\cos^3 \eta \, S^- I^\alpha - \cos \eta \sin^2 \eta \exp(-i\omega_- \tau) S^- I^\beta$$
$$+ \sin \eta \cos^2 \eta (\exp(-i\omega_\alpha \tau) S^- I^+ - \exp(-i\omega_\beta \tau) S^- I^-)] \ ,$$

$$\sigma_f(2\tau) = \frac{i}{2}[\sin \eta \cos^2 \eta \exp(-i\omega_+ \tau) S^- I^+ + \sin^3 \eta \, S^- I^-$$
$$- \sin^2 \eta \cos \eta (\exp(-i\omega_\beta \tau) S^- I^\alpha + \exp(-i\omega_\alpha \tau) S^- I^\beta)] \ . \tag{68}$$

$$\overline{M}_y = -g\beta_e \int_{-\infty}^{\infty} f(\omega_S - \overline{\omega}_S) \, \text{Tr}\left[U^{-1}\sigma(2\tau)U \, S_y\right] d\,\omega_S \ .$$

(69)