ERRATUM

In 'The Derivation of Parent Electron Spectra from Bremsstrahlung Hard X-Ray Spectra', by Johns and Lin (*Solar Physics* **137**, 121) the following corrections should be made:

Equations (16) through (19) should read:

$$\frac{\mathrm{d}\sigma}{\mathrm{d}k}(k,E) = \frac{Z^2 r_0^2}{137}\,\frac{16}{3}\,\frac{m^2c^4}{kE(E+2mc^2)} \times$$

$$\times \ln\left[\frac{1+\left(\dfrac{(E-k)(E-k+2mc^2)}{E(E+2mc^2)}\right)^{1/2}}{1-\left(\dfrac{(E-k)(E-k+2mc^2)}{E(E+2mc^2)}\right)^{1/2}}\right] \times$$

$$\times [E(E+2mc^2)]^{1/2}\,[E-k+mc^2] \times$$

$$\times \left\{1-\exp\left[-\frac{2\pi(E+mc^2)}{137[E(E+2mc^2)]^{1/2}}\right]\right\} \times$$

$$\times \left\{[(E-k)(E-k+2mc^2)]^{1/2}\,[E+mc^2] \times \right.$$

$$\left. \times \left\{1-\exp\left[-\frac{2\pi(E-k+mc^2)}{137[(E-k)(E-k+2mc^2)]^{1/2}}\right]\right\}\right\}^{-1}, \quad (16)$$

$$\frac{\mathrm{d}\sigma}{\mathrm{d}k}(k,E) = \frac{Z^2 r_0^2}{137}\,\frac{1}{k}\,\frac{p}{p_0}\left\{\frac{4}{3} - 2\,\frac{(E+mc^2)(E-k+mc^2)}{1}\,\frac{p^2+p_0^2}{p^2p_0^2} + \right.$$

$$+ \frac{\varepsilon_0(E-k+mc^2)m^2c^4}{p_0^3} + \frac{\varepsilon(E+mc^2)m^2c^4}{p^3} - \frac{\varepsilon\varepsilon_0 m^2c^4}{p_0 p} +$$

$$+ L\left[\frac{8(E+mc^2)(E-k+mc^2)}{3p_0p} + \right.$$

$$+ \frac{k^2((E+mc^2)^2(E-k+mc^2)^2 + p_0^2p^2)}{p_0^3p^3} +$$

$$+ \frac{km^2c^4}{2p_0p}\left(\frac{\varepsilon_0((E+mc^2)(E-k+mc^2)+p_0^2)}{p_0^3} - \right.$$

$$\left.\left. - \frac{\varepsilon((E+mc^2)(E-k+mc^2)+p^2)}{p^3} + \right.\right.$$

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$$+\frac{2k(E+mc^2)(E-k+mc^2)}{p^2p_0^2}\Bigg)\Bigg]\Bigg\}\times$$

$$\times\frac{p_0(E-k+mc^2)\left[1-\exp\left(-\dfrac{2\pi Z(E+mc^2)}{137p_0}\right)\right]}{p(E+mc^2)\left[1-\exp\left(-\dfrac{2\pi Z(E-k+mc^2)}{137p}\right)\right]}, \tag{17}$$

where

$$L=2\ln\left[\frac{(E+mc^2)(E-k+mc^2)+p_0p-m^2c^4}{kmc^2}\right],$$

$$\varepsilon_0=\ln\left(\frac{E+mc^2+p_0}{E+mc^2-p_0}\right), \tag{18}$$

$$\varepsilon=\ln\left(\frac{E-k+mc^2+p}{E-k+mc^2-p}\right)$$

and

$$p_0=[E(E+2mc^2)]^{1/2}\,; \qquad p=[(E-k)(E-k+2mc^2)]^{1/2}\,. \tag{19}$$

Only Equations (16) through (18) contain misprints in the original text but we include Equation (19) here also since these equations form a set. The misprints occur only in the text, the computer codes used to derive the results originally cited are free of these errors.

Acknowledgement

We would like to thank E. Haug for kindly pointing out the misprints in the original paper.