Errata

ON COUPLED FIELDS IN STRATIFIED PLASMAS WITH TENSOR PRESSURE PERTURBATIONS

R. BURMAN, W. C. ANDERSON

(Czech. J. Phys. B23 (1973), 685—797)

$$P. 786^{17} \quad u_0^2 \equiv 5p_0/3mN_0$$

$$(7b) \quad \nabla \cdot \mathbf{p} = \theta \nabla p + \eta \nabla \times \nabla \times \mathbf{v}$$

$$(10) \quad -\nabla \times \nabla \times \mathbf{H} + \frac{\nabla \varepsilon}{\varepsilon} \times (\nabla \times \mathbf{H}) + k_0^2 \varepsilon \mathbf{H} = \frac{e}{i\omega m U} \left[\nabla \times (\nabla \cdot \mathbf{p}) - \frac{\nabla \varepsilon}{\varepsilon} \times (\nabla \cdot \mathbf{p}) \right]$$

$$(11) \quad \nabla \cdot (\nabla \cdot \mathbf{p}) - \frac{\nabla X}{X} \cdot (\nabla \cdot \mathbf{p}) + \frac{\omega^2 U}{u_0^2} p = eN_0 \nabla \cdot \mathbf{E}.$$

$$(12) \quad \nabla \cdot (\nabla \cdot \mathbf{p}) - \frac{\nabla(X\varepsilon)}{X\varepsilon} \cdot (\nabla \cdot \mathbf{p}) + \frac{\omega^2}{u_0^2} U\varepsilon p = \frac{i\omega m}{e} X \frac{\nabla \varepsilon}{\varepsilon} \cdot (\nabla \times \mathbf{H}).$$

in eqs (15), (16) $\frac{(U\varepsilon)'}{U\varepsilon}$ should read $\frac{\varepsilon'}{\varepsilon}$

$$(18) \quad \theta \left[p'' - \frac{(X\varepsilon)'}{X\varepsilon} p' \right] + k_0^2 \left(\frac{c^2 U\varepsilon}{u_0^2} - S^2 \theta \right) p = k_0 S \left[\frac{\varepsilon'}{\varepsilon} \frac{\omega m X}{e} H_y - i\eta \frac{(X\varepsilon)'}{X\varepsilon} v_x \right].$$

$$(27) \quad \text{the first line should read } 0 \quad 0 \quad 0 \quad -1$$

$$(34) \quad \alpha \text{ should read } \infty$$

$$(52) \quad 2q_{1,3}^2 = 1 + \frac{UX}{\alpha} \pm \delta^{1/2}$$

$$(54) \quad \text{the last term should read } \ln(X\delta^{1/2}\phi)$$

$$(58) \quad \mathbf{r}'' + k_0^2 \mathbf{D} \mathbf{r} = -2\mathbf{P}^{-1}(\mathbf{P}' + \mathbf{R} \mathbf{P}) \mathbf{r}' - \mathbf{P}^{-1}(\mathbf{P}'' + 2\mathbf{R} \mathbf{P}' + \mathbf{R}^2 \mathbf{P} + \mathbf{R}' \mathbf{P}) \mathbf{r}.$$