Erratum: 'Theory of two-section laser amplifiers'

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Equations (32), (33), (A11) and (A12) in the above paper contain errors. The correct versions are given below:

$$(I_{\text{lav}})_{\text{spon}} = \beta E \left[\frac{(e^{gL_1} - 1)[\chi(1 - e^{-\alpha L_2})R_{\text{sp2}}/\alpha + \zeta_1 R_{\text{sp1}}/g]}{2(1 - R_1 R_2 e^{2gL_1 - 2\alpha L_2})} - R_{\text{sp1}}/g \right] \quad (32)$$

$$(I_{\text{2av}})_{\text{spon}} = (\beta E/\alpha) \left[\frac{(1 - e^{-\alpha L_2})[\chi(e^{gL_1} - 1)(L_1/L_2)R_{\text{sp1}} - \zeta_2 R_{\text{sp2}}]}{2(1 - R_1 R_2 e^{2gL_1 - 2\alpha L_2})} + R_{\text{sp2}} \right] \quad (33)$$

$$\frac{I_1^-(-L_1)}{\beta E} = \frac{e^{gL_1}(1 - e^{-\alpha L_2})(1 + R_2 e^{-\alpha L_2})R_{\text{sp2}}/\alpha + (e^{gL_1} - 1)(1 + R_2 e^{gL_1 - 2\alpha L_2})R_{\text{sp1}}/g}{2(1 - R_1 R_2 e^{2gL_1 - 2\alpha L_2})} \quad (\text{A11})$$

$$\frac{I_2^+(L_2)}{\beta E} = \frac{(1 - e^{-\alpha L_2})(1 + R_1 e^{2gL_1 - \alpha L_2})R_{\text{sp2}}/\alpha + e^{-\alpha L_2}(e^{gL_1} - 1)(1 + R_1 e^{gL_1})R_{\text{sp1}}/g}{2(1 - R_1 R_2 e^{2gL_1 - 2\alpha L_2})} \quad (\text{A12})$$

The results given in the paper are in no way affected by these corrections. I am indebted to P E Barnsley for renewing my interest in the subject of this paper.

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