CORRIGENDA

"Green's functions for dislocations in bonded strips and related crack problems"
by R. Ballarini and H. Luo, *International Journal of Fracture* 50 (1991) 239-262.

Equation (25) was derived using the theory formulation presented in [12] of the paper. The authors have recently noticed that this equation predicts inaccurate results, since it follows from a formulation which leads to unequal curvatures for the bonded strips. Using a formulation which enforces equal curvatures the authors have derived the following equation, which should replace (25):

$$\sigma_{xx} = -(\alpha_2 - \alpha_1)\Delta T E_2^* \chi \left[1 + \frac{2y}{h_2} + \frac{1 + \delta^3 \Sigma}{3(1+\delta)} \right]$$
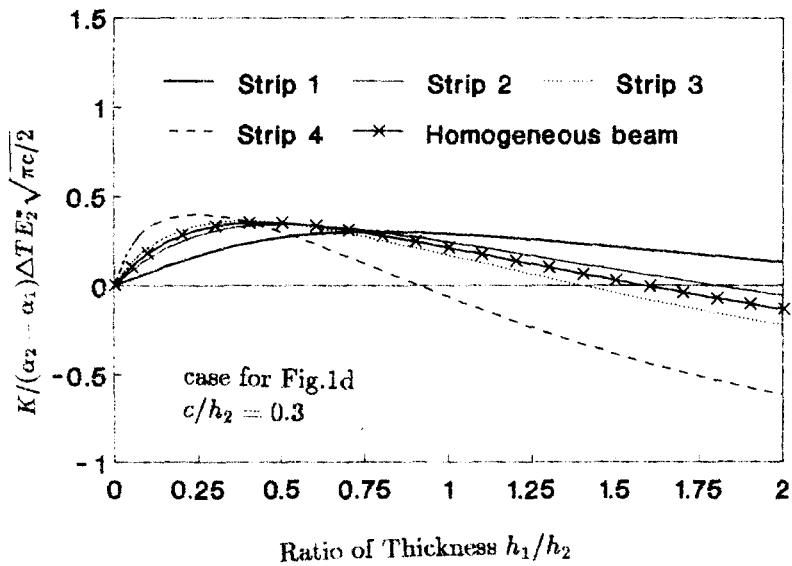
$$E_2^* = \frac{E_2}{1 - v_2^2} \qquad \Sigma = \frac{\mu_1(1-v_2)}{\mu_2(1-v_1)} \qquad \delta = \frac{h_1}{h_2} \qquad \chi = \frac{3(1+\delta)}{3(1+\delta)^2 + (1+\delta\Sigma)(\delta^2 + \frac{1}{\delta\Sigma})}$$

The details of the procedure which leads this equation can be recovered in S. Timoshenko, *Strength of Materials Part I: Elementary Theory and Problems*, Third Edition, D. Van Nostrand Company, Inc. (1955).

The following plots, calculated with the correct equation, should replace Fig.6 and Fig. 7.
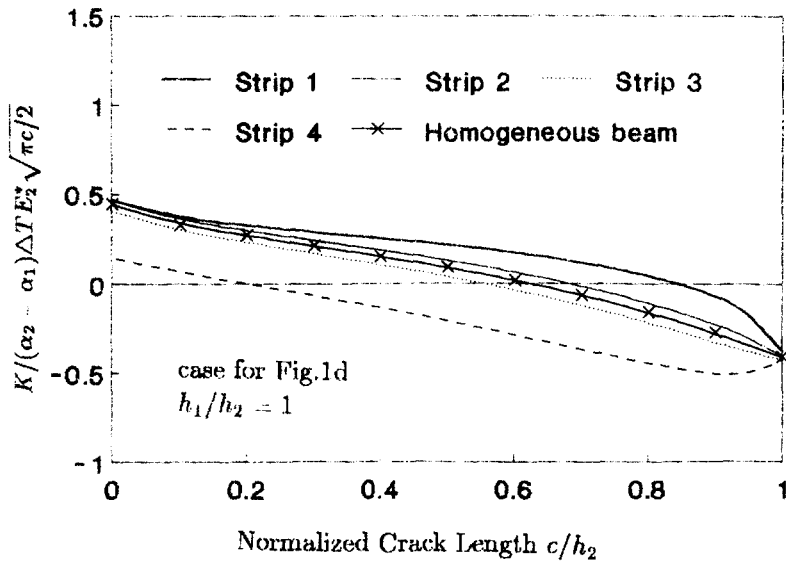
Replacement for Figure 6.

Replacement for Figure 7.