

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.

In the first two equations (27) P should be replaced with p .
Equation (43) is incorrect. It should read

$$K = \frac{p}{h_2} \sqrt{\pi} \left(\frac{h_2}{2} \right)^\lambda \phi_2(1) \frac{1}{\sin \lambda \pi} [1 - 2\beta(\lambda - 1)]$$

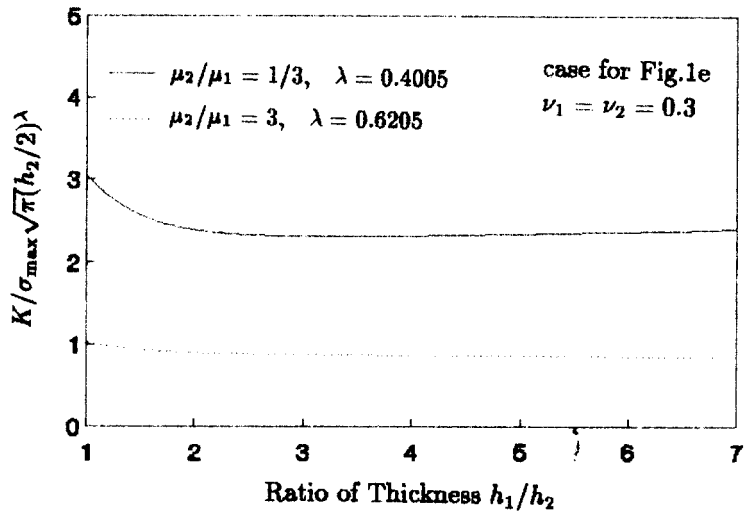
Therefore, if Figure 5 and Table 4 are used, the titles $K / \sigma_{\max} \sqrt{\pi} (h_2 / 2)^\lambda$ and $K / \sigma^{(2)} \sqrt{\pi} (h_2 / 2)^\lambda$ should be replaced by $K / \rho \sigma_{\max} \sqrt{\pi} (h_2 / 2)^\lambda$ and $K / \rho \sigma^{(2)} \sqrt{\pi} (h_2 / 2)^\lambda$, respectively, where

$$\rho = \frac{1}{\sin \lambda \pi} \frac{(1 + \alpha)}{(1 - \beta^2)} [1 - 2\beta(\lambda - 1)].$$

To eliminate the calculation of p the original titles can be used if Fig. 5 and Table 4 are replaced with the corrected figure and table shown below.

The last sentence of the first paragraph on page 253 should be replaced with the following sentences:

"It should be noted that the results presented in the corrected Fig. 5 agree with those presented in [6] for $\mu_2/\mu_1 = 1/3$, but differ for $\mu_2/\mu_1 = 3$, $h_1/h_2 < 2$. Additional calculations not presented here were performed to check this difference. The results of these calculations for an edge crack and an internal crack impinging on the interface agree with those presented in Figs. 8,9,10,14 in [6]."



		$K/\sigma^{(2)}\sqrt{\pi}(h_2/2)^\lambda$								
h_1/h_2	β	α								
		-0.8	-0.6	-0.4	-0.2	0.0	0.2	0.4	0.6	0.8
0.1	-0.4	10.61	24.57							
	-0.3	9.228	22.34	34.13	43.64					
	-0.2	8.266	21.01	32.85	42.88	50.08	53.75			
	-0.1	7.800	20.35	32.64	43.55	51.87	56.62	56.92	51.79	
	0.0	7.158	20.30	33.48	45.79	55.76	62.02	63.33	58.28	44.16
	0.1			35.61	50.13	62.70	71.36	74.23	69.20	52.71
	0.2					74.90	87.90	93.72	88.92	68.15
	0.4							133.9	130.7	101.4
1	-0.4	1.567	2.461							
	-0.3	1.430	2.303	2.937	3.357					
	-0.2	1.344	2.204	2.869	3.345	3.634	3.741			
	-0.1	1.289	2.151	2.858	3.401	3.763	3.934	3.909	3.674	
	0.0	1.260	2.142	2.909	3.537	3.993	4.248	4.282	4.072	3.572
	0.1			3.032	3.782	4.371	4.748	4.872	4.700	4.172
	0.2					5.003	5.587	5.868	5.770	5.201
	0.4							7.809	7.914	7.302
10	-0.4	0.618	0.892							
	-0.3	0.581	0.854	1.078	1.266					
	-0.2	0.558	0.835	1.074	1.285	1.489	1.629			
	-0.1	0.546	0.833	1.092	1.330	1.545	1.737	1.905	2.057	
	0.0	0.545	0.848	1.135	1.409	1.666	1.900	2.111	2.301	2.470
	0.1			1.209	1.537	1.856	2.155	2.431	2.679	2.902
	0.2					2.164	2.579	2.968	3.322	3.643
	0.4							4.012	4.614	5.159
									9.787	