

CORRIGENDUM

"A New Approach to Determine Weight Functions from Bueckner's Fundamental Field by the Superposition Technique", M. Kuna, H. Rajiyah, and S.N. Atluri*

We regret our failure to include the following two tables in the original publication of the above referenced article and apologize for any inconvenience this may have caused.

Table 1: Comparison of computed stress intensity factors for the single edge crack specimen under tensile and bending loading

crack length a/b	S t r e s s i n t e n s i t y f a c t o r		
	Handbook [7]	BEM-Alternating	Weight functions
t e n s i l e l o a d i n g			
0.05	1.419	1.403	1.396
0.2	3.326	3.340	3.325
0.5	11.20	10.04	10.07
p u r e b e n d i n g l o a d			
0.05	6.743	6.540	6.558
0.2	12.98	12.72	12.85
0.5	29.23	25.48	26.29

Table 2: Comparison of computed stress intensity factors for the centre crack specimen under a constant tensile stress of 1.0

crack length a/b	S t r e s s i n t e n s i t y f a c t o r		
	Handbook [7]	BEM-Alternating	Weight functions
0.1	1.261	1.259	1.237
0.2	1.817	1.812	1.782
0.5	3.333	3.313	3.267
0.7	4.921	4.915	4.856