

ERRATUM

TO THE ARTICLE “ON THE RELATIONSHIP BETWEEN THE STRESS INTENSITY FACTORS AND THE FAR FIELD OF SH-WAVES DIFFRACTED ON INTERFACE CRACKS” BY D. B. KURYLYAK, Z. T. NAZARCHUK, AND M. V. VOITKO, [MATERIALS SCIENCE, 45, NO. 3, 329–339 (2009)]

1. **Page 332.** Relation (10) should be read as follows:

$$g(x) = i\mu_1 k_1 \sin \theta_0 (1 - R) e^{-ik_1 x \cos \theta_0}.$$

2. **Page 332.** Relation (11) should be read as follows:

$$\frac{1}{2\pi} \int_{-\infty}^{\infty} \frac{M(\alpha)}{\gamma_1} e^{-i\alpha x} \left\{ \int_0^{\infty} f(x') e^{i\alpha x'} dx' + \int_{-\infty}^0 g(x') e^{i\alpha x'} dx' \right\} d\alpha = 0, \quad x \in (0, \infty).$$

3. **Page 332.** Relation (13) should be read as follows:

$$F^+(\alpha) = \int_0^{\infty} f(x') e^{i\alpha x'} dx', \quad \mathcal{J}(\alpha) = \int_{-\infty}^0 [u(x, +0) - u(x, -0)] e^{i\alpha x'} dx'.$$

4. **Page 333.** Relation (17) should be read as follows:

$$S(\alpha, k_1, k_2; \theta_0) = \frac{\sqrt{k_1} \sin \theta_0 (1 - R) M_+(k_1 \cos \theta_0) \sqrt{\alpha + k_1}}{\sqrt{2\pi} \sqrt{(1 + \cos \theta_0) M_+(\alpha) (\alpha - k_1 \cos \theta_0)}}.$$

5. **Page 334.** The relation at the third line from the bottom should be read as follows:

$$M_{\pm}^{-1}(\alpha) \rightarrow \sqrt{\frac{\mu_2}{\mu_1 + \mu_2}}.$$