CORRECTION

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Correction to: Investigation of the solution for discontinuous contact problem between a functionally graded (FG) layer and homogeneous half-space

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Unfortunately, Figs. 5, 6, 8 and 10 have been processed incorrectly. Correct figures are provided in this correction article.

The Original article has also been corrected.

The original article can be found online at <https://doi.org/10.1007/s00419-020-01750-y>

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Fig. 5 The changes in the dimensionless contact stress distributions between FG layer and homogeneous half-space depending on block width (a/h) ($\kappa_1 = \kappa_2 = 2$, $\beta h = -0.6931$, $\gamma h = 1.0986$, $\lambda = 500 > \lambda_{cr}$, $\mu_{-h}/\mu_2 = 1$)

Fig. 6 The changes in the dimensionless contact stress distributions between FG layer and homogeneous half-space depending on rigidity parameter (βh) ($\kappa_1 = \kappa_2 = 2$, $a/h = 1$, $\gamma h = 1.6094$, $\lambda = 250 > \lambda_{cr}$, $\mu_{-h}/\mu_2 = 1$)

Fig. 8 The distributions of the dimensionless contact stresses $\sigma_y(x, -h)/(\rho_0 g h)$ between FG layer and homogeneous half-space depending on μ_{-h}/μ_2 ratio ($\kappa_1 = \kappa_2 = 2$, $a/h = 4$, $\beta h = 0.6931$, $\gamma h = 1.0986$, $\lambda = 400 > \lambda_{cr}$)

Fig. 10 Variation of separation displacement $\bar{v}(x, -h)$ between FG layer and homogeneous half-space depending on load factor (λ) ($\kappa_1 = \kappa_2 = 2$, $a/h = 1$, $\beta h = 0.6931$, $\gamma h = 1.6094$, $\mu_{-h}/\mu_2 = 1$)