ERRATUM

In the article

RAPID AND LONG-TERM GAMMA-RADIATION ANNEALING IN LOW-DROPOUT VOLTAGE REGULATORS

by

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published in the *Nuclear Technology & Radiation Protection* journal*, 32* (2017), 2, pp. 155-165, during the technical preparation of the article, errors in equations (1) and (3) and in the accompanying texts were made. Their correct forms should be

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$$F(t) = \frac{\beta^{-1}(t) - \beta^{-1}(0)}{\beta^{-1}(\infty) - \beta^{-1}(0)}, \quad \dot{F}(t) > 0, \quad F(0) = 1, \quad F(\infty) = 1 \tag{1}$$

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where $\beta(t)$ is the forward emitter current gain after elapse of time t after irradiation, $\beta(0)$ – the transistor's current gain before irradiation, $\beta(\infty)$ – the forward emitter current gain after an infinite recovery period.

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$$F_{I_Q}(t) = \frac{I_Q^{-1}(t) - I_Q^{-1}(0)}{I_Q^{-1}(\infty) - I_Q^{-1}(0)}, \quad F_{I_Q}(0) = 0, \quad F_{I_Q}(\infty) = 1 \tag{3}$$

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where $I_Q(t)$ is the voltage regulator's quiescent current after elapse of time t after irradiation, $I_Q(0)$ – the quiescent current before irradiation, $I_Q(\infty)$ – the quiescent current after an infinite recovery period (85 000 hours in the experiment described in this paper).

Editorial Board offers an apology for this mistake to author and the readers of the *Nuclear Technology & Radiation Protection* journal.