

Erratum: “Data-Driven Predesign Tool for Small-Scale Centrifugal Compressor in Refrigeration” [ASME J. Eng. Gas Turbines Power, 140(12), p. 121011; DOI: [10.1115/1.4040845](https://doi.org/10.1115/1.4040845)]

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Equation (4) in the original paper contains errors. The correct equation is given as follows:

$$D_{S0D} = 2.9\overline{r_{2s}} + \frac{2.52}{N_s} + \frac{1.34N_s}{\overline{r_{2s}}} + \frac{0.044N_s}{\overline{b_4}} + \frac{0.044N_s}{PR\overline{b_4} + (1.34N_s - 1.34N_s\overline{r_{2s}})^{5.8}} - 2.31 - 1.84N_s \quad (4)$$

The supplementary material of the paper [19] has been updated accordingly and now also contains ready-to-use MATLAB functions for Eqs. (3) and (4).

Reference

- [19] Mounier, V., Picard, C., and Schiffmann, J., 2019, *Data-Driven Pre-Design Tool for Centrifugal Compressor—Supplementary Data*, Version 3, Mendeley Data, London.