Erratum: Modelling the Effects of Operating Conditions on Motor Power Consumption in Single Screw Extrusion

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Some of the reference tags in this paper are displayed incorrectly:

“[3]” on page 10 should be “Kent [3]”

“[4]” on page 10 should be “Falkner [4]”

“[7]” on page 10 should be “Rasid and Wood [7]”

“[9]” on page 11 should be “Lai and Yu [9]”

“[10]” on page 11 should be “Wilczynski [10]”

The equations 3 and 4 along with their description on page 15 are also displayed incorrectly:

$$ME = y(t) - \hat{y}(t) \quad (3)$$

$$NPPE \triangleq \left[\sum_{t=1}^N (\hat{y}(t) - y(t))^2 / \sum_{t=1}^N y(t)^2 \right]^{1/2} \times 100\% \quad (4)$$

Where $y(t)$ is the measured motor power consumption and the $\hat{y}(t)$ is the model estimated motor power consumption.

should be :

$$ME = y_i - \hat{y}_i \quad (3)$$

$$NPPE \triangleq \left[\sum_{i=1}^n (\hat{y}_i - y_i)^2 / \sum_{i=1}^n y_i^2 \right]^{1/2} \times 100\% \quad (4)$$

Where y_i is the measured motor power consumption, the $\hat{y}_i$ is the model estimated motor power consumption, and n is the number of data points.