



# Correction to: Mathematical modeling and experimental studies on axial drilling load for rotary ultrasonic drilling of C/SiC composites

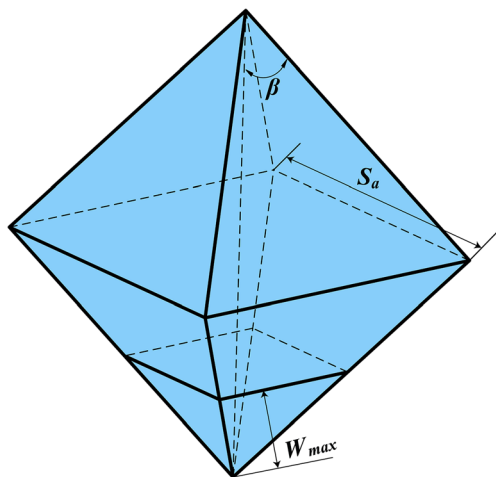
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## Correction 1

Angle  $\beta$  of Fig. 2 was inaccurately displayed in the initially published version. It has been accurately displayed in the updated version. The correct figure is:



**Fig. 2** Octahedron shaped diamond abrasive particle

## Correction 2

There were slight mistakes in Eq. (8) and Eq. (26) of the initially published version. The equations have been corrected in the updated version. The correct equations are:

$$\begin{cases} w' = w_{max} - (A \cos(2\pi ft) + A) & t \in [t_1 - t_2] \\ t_1 = \frac{\arccos\left(\frac{w_{max}-1}{A}\right)}{2\pi f} \\ t_2 = \frac{2\pi - \arccos\left(\frac{w_{max}-1}{A}\right)}{2\pi f} \end{cases} \quad (8)$$

$$C_L = C_2 \left( \frac{1}{\tan\beta} \right)^{\frac{5}{12}} \cdot \left[ \frac{E^{\frac{3}{4}}}{H_V K_{IC} (1-\nu^2)^{\frac{1}{2}}} \right]^{\frac{1}{2}} \cdot F_n^{\frac{5}{8}} \quad (26)$$

## Correction 3

One funding information was omitted in the initially published version. It has been added in the updated version.

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