ERRATA
AGMA 929-B22
July 2023

The following editorial corrections will be added to the next edition of AGMA 929-B22, *Calculation of Bevel Gear Top Land, Slot Widths and Cutter Edge Radii* (published September 2022).

The changes, discovered after publication, have been reviewed and approved by the Chairperson of the AGMA Bevel Gearing Committee.

Equation 177 should be corrected as shown, to replace the highlighted plus sign (+) in the first equation below with a minus sign (−) as seen highlighted in the second equation.

Current equation

$$s_{n1}\{\mu_1\} = h_{f2}\{\mu_{21}\{\mu_1\}\}\left[\tan\alpha_{cv1} - \tan\alpha_{cx1}\right] + W_2\{\mu_{21}\{\mu_1\}\} + \frac{R_1\{\mu_1\}\cos\left(\beta_{12}\{\mu_{21}\{\mu_1\}\}\right)}{R_{e1}\cos\beta_{e1}}\frac{j_{en}}{\cos\left(\frac{\Sigma\alpha}{2}\right)}$$ (177)

Corrected equation

$$s_{n1}\{\mu_1\} = h_{f2}\{\mu_{21}\{\mu_1\}\}\left[\tan\alpha_{cv1} - \tan\alpha_{cx1}\right] + W_2\{\mu_{21}\{\mu_1\}\} - \frac{R_1\{\mu_1\}\cos\left(\beta_{12}\{\mu_{21}\{\mu_1\}\}\right)}{R_{e1}\cos\beta_{e1}}\frac{j_{en}}{\cos\left(\frac{\Sigma\alpha}{2}\right)}$$ (177)

Equation 179 (Generated) should be corrected as shown, to replace the highlighted minus sign (−) in the first equation below with a plus sign (+) as seen highlighted in the second equation.

Current equation

$$s_{an1}\{\mu_1\} = \left[\frac{s_{n1}\{\mu_1\}}{r_{npt1}\{\mu_1\}} + \text{inv}\,\alpha_{cv1} - \text{inv}\left(\alpha_{acv1}\{\mu_1\}\right) - \text{inv}\left(-\alpha_{cx1}\right) - \text{inv}\left(\alpha_{acx1}\{\mu_1\}\right)\right]r_{na1}\{\mu_1\}$$ (179)

Corrected equation

$$s_{an1}\{\mu_1\} = \left[\frac{s_{n1}\{\mu_1\}}{r_{npt1}\{\mu_1\}} + \text{inv}\,\alpha_{cv1} - \text{inv}\left(\alpha_{acv1}\{\mu_1\}\right) + \text{inv}\left(-\alpha_{cx1}\right) - \text{inv}\left(\alpha_{acx1}\{\mu_1\}\right)\right]r_{na1}\{\mu_1\}$$ (179)