



## Geometrical Product Specifications (GPS) — Surface texture: Profile method — Calibration of contact (stylus) instruments

### TECHNICAL CORRIGENDUM 1

*Spécification géométrique des produits (GPS) — État de surface: Méthode du profil — Étalonnage des instruments à contact (palpeur)*

*RECTIFICATIF TECHNIQUE 1*

Technical Corrigendum 1 to ISO 12179:2000 was prepared by Technical Committee ISO/TC 213, *Dimensional and geometrical product specifications and verification*.

---

Page 14, Annex C

Change the calculations of the sum-of-squares  $S_1$ ,  $S_2$ ,  $S_3$  and  $S_4$  as follows:

$$S_1 = 60 \bar{X}^2$$

$$S_2 = 5 \sum_{i=1}^{12} (\bar{X}_i - \bar{X})^2$$

$$S_3 = 12 \sum_{j=1}^5 (\bar{X}_j - \bar{X})^2$$

$$S_4 = \sum_{i=1}^{12} \sum_{j=1}^5 (X_{ij} - \bar{X}_i - \bar{X}_j + \bar{X})^2$$