



Test code for machine tools —

Part 2:

Determination of accuracy and repeatability of positioning numerically controlled axes

TECHNICAL CORRIGENDUM 1

Code d'essai des machines-outils —

Partie 2: Détermination de la précision et de la répétabilité de positionnement des axes en commande numérique

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO 230-2:1997 was prepared by Technical Committee ISO/TC 39, *Machine tools*, Subcommittee SC 2, *Test conditions for metal cutting machine tools*.

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Replace 2.22 by the following:

2.22 unidirectional accuracy of positioning of an axis, $A\uparrow$ or $A\downarrow$: Range derived from the combination of the unidirectional systematic deviations and the estimator of the standard uncertainty of unidirectional positioning using a coverage factor of 2.

$$A\uparrow = \max. [\bar{x}_i \uparrow + 2s_i \uparrow] - \min. [\bar{x}_i \uparrow - 2s_i \uparrow]$$

and

$$A\downarrow = \max. [\bar{x}_i \downarrow + 2s_i \downarrow] - \min. [\bar{x}_i \downarrow - 2s_i \downarrow]$$