



# INTERNATIONAL STANDARD ISO 230-2:1997 TECHNICAL CORRIGENDUM 1

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## 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*

iteh STANDARD PREVIEW  
(standards.iteh.ai)

<https://standards.iteh.ai/catalog/standards/sist/4d586ceb-6994-4dbe-85be-70074abb3972/iso-230-2-1997-cor-1-1999>

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

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