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SLOVENSKI STANDARD
SIST EN ISO 7029:2017/oprA1:2023

01-oktober-2023

Akustika - Statistična porazdelitev praga slišnosti v odvisnosti od starosti in spola - Dopolnilo A1: Popravek vrednosti parametrov za ocenjevanje porazdelitve praga slišnosti (ISO 7029:2017/DAM 1:2023)

Acoustics - Statistical distribution of hearing thresholds related to age and gender - Amendment 1: Correction of parameter values for estimating the hearing threshold distribution (ISO 7029:2017/DAM 1:2023)

Akustik - Statische Verteilung von Hörschwellen in Bezug auf das Alter und das Geschlecht (ISO 7029:2017/DAM 1:2023)

Acoustique - Distribution statistique des seuils d'audition en fonction de l'âge et du sexe - Amendement 1: Correction des valeurs des paramètres pour l'estimation de la distribution des seuils d'audition (ISO 7029:2017/DAM 1:2023)

Ta slovenski standard je istoveten z: **EN ISO 7029:2017/prA1**

ICS:

13.140	Vpliv hrupa na ljudi	Noise with respect to human beings
17.140.99	Drugi standardi v zvezi z akustiko	Other standards related to acoustics

SIST EN ISO 7029:2017/oprA1:2023   **en,fr,de**

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DRAFT AMENDMENT
ISO 7029:2017/DAM 1

ISO/TC **43**

Secretariat: **DIN**

Voting begins on:
2023-07-27

Voting terminates on:
2023-10-19

Acoustics — Statistical distribution of hearing thresholds related to age and gender

AMENDMENT 1: Correction of parameter values for estimating the hearing threshold distribution

ICS: 13.140

This document is circulated as received from the committee secretariat.

ISO/CEN PARALLEL PROCESSING

Reference number
ISO 7029:2017/DAM 1:2023(E)

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ISO 7029:2017/DAM 1:2023(E)

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This document was prepared by Technical Committee ISO/TC 43, *Acoustics*.

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iii

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Acoustics — Statistical distribution of hearing thresholds related to age and gender

AMENDMENT 1: Correction of parameter values for estimating the hearing threshold distribution

Pages 4 and 5, Tables 2–5

Replace them with the tables below, respectively.

Table 2 — Values of $\gamma_{n,\text{su}}$ (n = 0, 1, 2, …, 5) in Formula (2) for males

Frequency Hz	$\gamma_{0,\text{su}}$	$\gamma_{1,\text{su}}$	$\gamma_{2,\text{su}}$	$\gamma_{3,\text{su}}$	$\gamma_{4,\text{su}}$	$\gamma_{5,\text{su}}$
125	4,629	$6,447 \times 10^{-1}$	$-8,849 \times 10^{-2}$	$3,691 \times 10^{-3}$	$-5,976 \times 10^{-5}$	$3,394 \times 10^{-7}$
250	5,267	$7,097 \times 10^{-1}$	$-9,128 \times 10^{-2}$	$3,637 \times 10^{-3}$	$-5,741 \times 10^{-5}$	$3,218 \times 10^{-7}$
500	4,981	$7,507 \times 10^{-1}$	$-9,202 \times 10^{-2}$	$3,677 \times 10^{-3}$	$-5,836 \times 10^{-5}$	$3,281 \times 10^{-7}$
750	4,651	$7,329 \times 10^{-1}$	$-8,814 \times 10^{-2}$	$3,590 \times 10^{-3}$	$-5,760 \times 10^{-5}$	$3,241 \times 10^{-7}$
1 000	4,420	$7,140 \times 10^{-1}$	$-8,541 \times 10^{-2}$	$3,569 \times 10^{-3}$	$-5,816 \times 10^{-5}$	$3,286 \times 10^{-7}$
1 500	4,144	$6,787 \times 10^{-1}$	$-8,044 \times 10^{-2}$	$3,518 \times 10^{-3}$	$-5,886 \times 10^{-5}$	$3,347 \times 10^{-7}$
2 000	4,098	$6,318 \times 10^{-1}$	$-7,534 \times 10^{-2}$	$3,457 \times 10^{-3}$	$-5,937 \times 10^{-5}$	$3,401 \times 10^{-7}$
3 000	4,295	$5,302 \times 10^{-1}$	$-6,283 \times 10^{-2}$	$3,090 \times 10^{-3}$	$-5,368 \times 10^{-5}$	$2,946 \times 10^{-7}$
4 000	4,682	$4,554 \times 10^{-1}$	$-5,519 \times 10^{-2}$	$2,946 \times 10^{-3}$	$-5,300 \times 10^{-5}$	$2,919 \times 10^{-7}$
6 000	5,613	$3,626 \times 10^{-1}$	$-4,721 \times 10^{-2}$	$2,920 \times 10^{-3}$	$-5,581 \times 10^{-5}$	$3,121 \times 10^{-7}$
8 000	6,615	$2,912 \times 10^{-1}$	$-4,155 \times 10^{-2}$	$2,921 \times 10^{-3}$	$-5,852 \times 10^{-5}$	$3,330 \times 10^{-7}$

Table 3 — Values of $\gamma_{n,\text{sl}}$ (n = 0, 1, 2, …, 5) in Formula (3) for males

Frequency Hz	$\gamma_{0,\text{sl}}$	$\gamma_{1,\text{sl}}$	$\gamma_{2,\text{sl}}$	$\gamma_{3,\text{sl}}$	$\gamma_{4,\text{sl}}$	$\gamma_{5,\text{sl}}$
125	3,336	$1,307 \times 10^{-1}$	$-2,025 \times 10^{-2}$	$1,120 \times 10^{-3}$	$-2,281 \times 10^{-5}$	$1,568 \times 10^{-7}$
250	3,320	$2,304 \times 10^{-1}$	$-2,539 \times 10^{-2}$	$1,205 \times 10^{-3}$	$-2,269 \times 10^{-5}$	$1,458 \times 10^{-7}$
500	3,428	$3,620 \times 10^{-1}$	$-4,110 \times 10^{-2}$	$1,869 \times 10^{-3}$	$-3,445 \times 10^{-5}$	$2,208 \times 10^{-7}$
750	3,596	$3,839 \times 10^{-1}$	$-4,432 \times 10^{-2}$	$1,977 \times 10^{-3}$	$-3,549 \times 10^{-5}$	$2,222 \times 10^{-7}$
1 000	3,771	$3,633 \times 10^{-1}$	$-4,187 \times 10^{-2}$	$1,821 \times 10^{-3}$	$-3,145 \times 10^{-5}$	$1,890 \times 10^{-7}$
1 500	3,930	$3,645 \times 10^{-1}$	$-4,219 \times 10^{-2}$	$1,792 \times 10^{-3}$	$-2,965 \times 10^{-5}$	$1,703 \times 10^{-7}$
2 000	4,012	$3,872 \times 10^{-1}$	$-4,472 \times 10^{-2}$	$1,874 \times 10^{-3}$	$-3,024 \times 10^{-5}$	$1,693 \times 10^{-7}$
3 000	4,105	$4,046 \times 10^{-1}$	$-4,557 \times 10^{-2}$	$1,857 \times 10^{-3}$	$-2,828 \times 10^{-5}$	$1,464 \times 10^{-7}$
4 000	4,095	$4,385 \times 10^{-1}$	$-4,776 \times 10^{-2}$	$1,921 \times 10^{-3}$	$-2,843 \times 10^{-5}$	$1,404 \times 10^{-7}$
6 000	4,007	$4,972 \times 10^{-1}$	$-4,973 \times 10^{-2}$	$1,930 \times 10^{-3}$	$-2,672 \times 10^{-5}$	$1,178 \times 10^{-7}$
8 000	3,900	$5,594 \times 10^{-1}$	$-5,620 \times 10^{-2}$	$2,401 \times 10^{-3}$	$-3,925 \times 10^{-5}$	$2,287 \times 10^{-7}$