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| STN | Klasifikácia podmienok prostredia Časť 2-6: Prírodné podmienky prostredia Zemetrasenie a otrasy Oprava AC | STN EN IEC 60721-2-6/AC 03 8900 |
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Classification of environmental conditions - Part 2-6: Environmental conditions appearing in nature - Earthquake vibration and shock

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/24

Obsahuje: EN IEC 60721-2-6:2023/AC:2023, IEC 60721-2-6:2022/COR1:2023

138203

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2024
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii v znení neskorších predpisov.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

**EN IEC 60721-2-
6:2023/AC:2023-12**

December 2023

ICS 19.040

English Version

**Classification of environmental conditions - Part 2-6:
Environmental conditions appearing in nature - Earthquake
vibration and shock
(IEC 60721-2-6:2022/COR1:2023)**

Classification des conditions d'environnement - Partie 2-6:
Conditions d'environnement présentes dans la nature -
Vibrations et chocs sismiques
(IEC 60721-2-6:2022/COR1:2023)

Klassifizierung von Umgebungsbedingungen - Teil 2-6:
Natürliche Einflüsse - Seismische Einflüsse
(IEC 60721-2-6:2022/COR1:2023)

This corrigendum becomes effective on 8 December 2023 for incorporation in the English language version of the EN.



European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Endorsement notice

The text of the corrigendum IEC 60721-2-6:2022/COR1:2023 was approved by CENELEC as EN IEC 60721-2-6:2023/AC:2023-12 without any modification.

IEC 60721-2-6:2022/COR1:2023
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– 1 –

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 60721-2-6
Edition 2.0 2022-12

IEC 60721-2-6
Édition 2.0 2022-12

**CLASSIFICATION OF ENVIRONMENTAL
CONDITIONS –**

**CLASSIFICATION DES CONDITIONS
D'ENVIRONNEMENT –**

**Part 2-6: Environmental conditions appearing in
nature – Earthquake vibration and shock**

**Partie 2-6: Conditions d'environnement présentes
dans la nature – Vibrations et chocs sismiques**

C O R R I G E N D U M 1

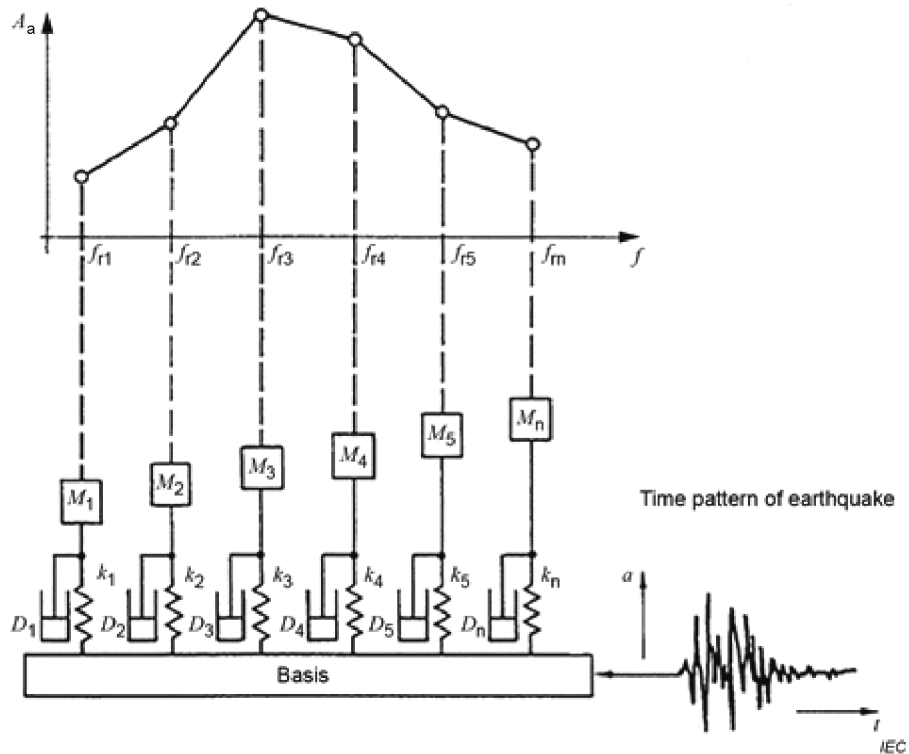
Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

7 Seismic activity zone classification

Figure 2 – Model for composing a response spectrum

Replace, on the vertical axis, the erroneous symbol A_s with symbol A_a , in accordance with the key to the figure, as follows:



Key

| | | | |
|----------|---|-------|-------------------|
| a | base acceleration amplitude | f | natural frequency |
| A_a | response acceleration amplitude | k_i | stiffness |
| D_i | damping | M_i | mass |
| f_{ri} | natural frequency of distinct oscillators | t | time |

Figure 2 – Model for composing a response spectrum

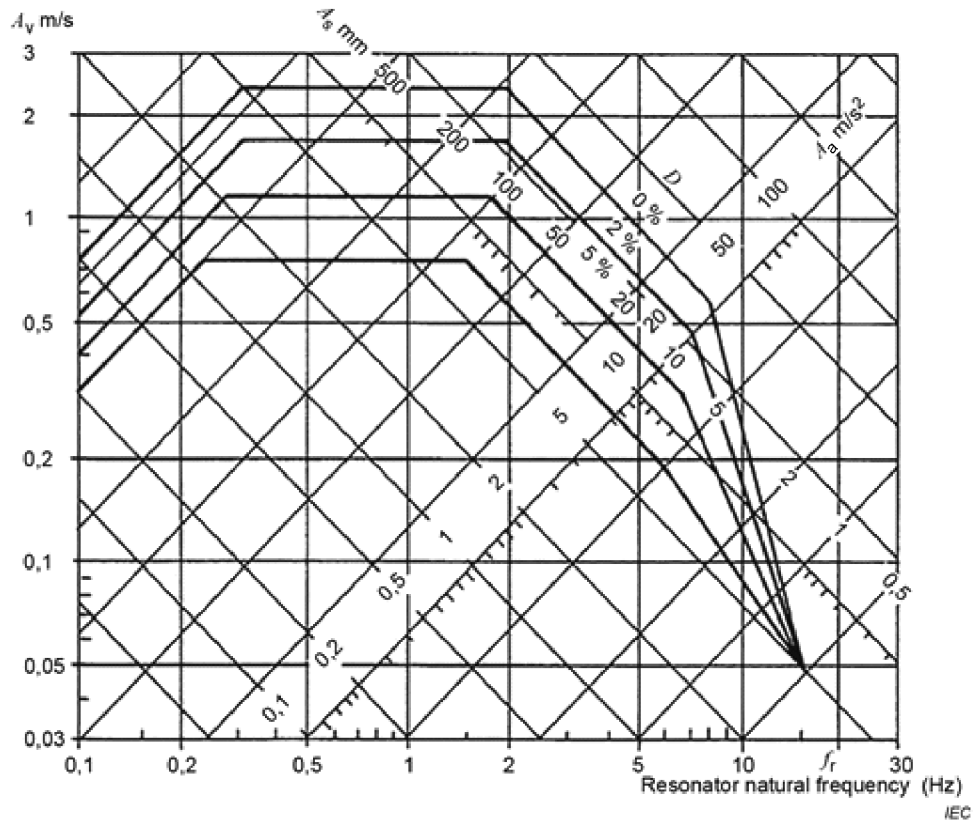
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– 3 –

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Figure 4 – Example of required response spectrum for ground motion

Replace, on the top right hand-side of the figure, the erroneous symbol A_v with symbol A_a , in accordance with the key to the figure, as follows:

**Key**

- A_a response acceleration amplitude
- A_s response displacement amplitude
- A_v response velocity amplitude
- f_r natural frequency
- D damping ratio

Figure 4 – Example of required response spectrum for ground motion

