
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

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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.

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 –**

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

**CLASSIFICATION DES CONDITIONS
D'ENVIRONNEMENT –**

**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

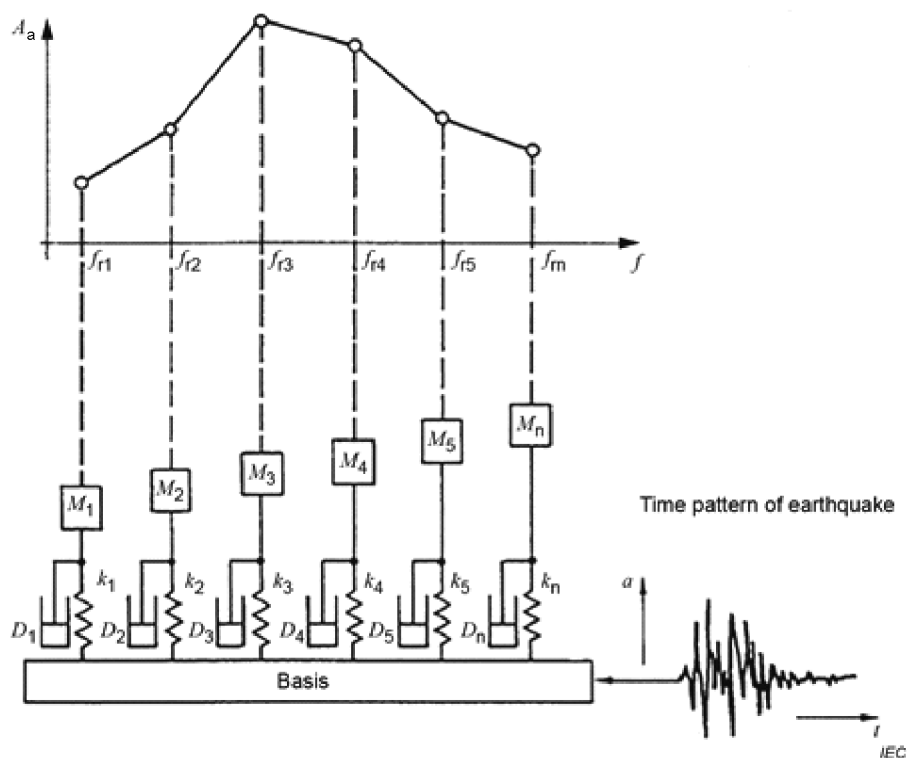
Corrections to the French version appear after the English text.

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:



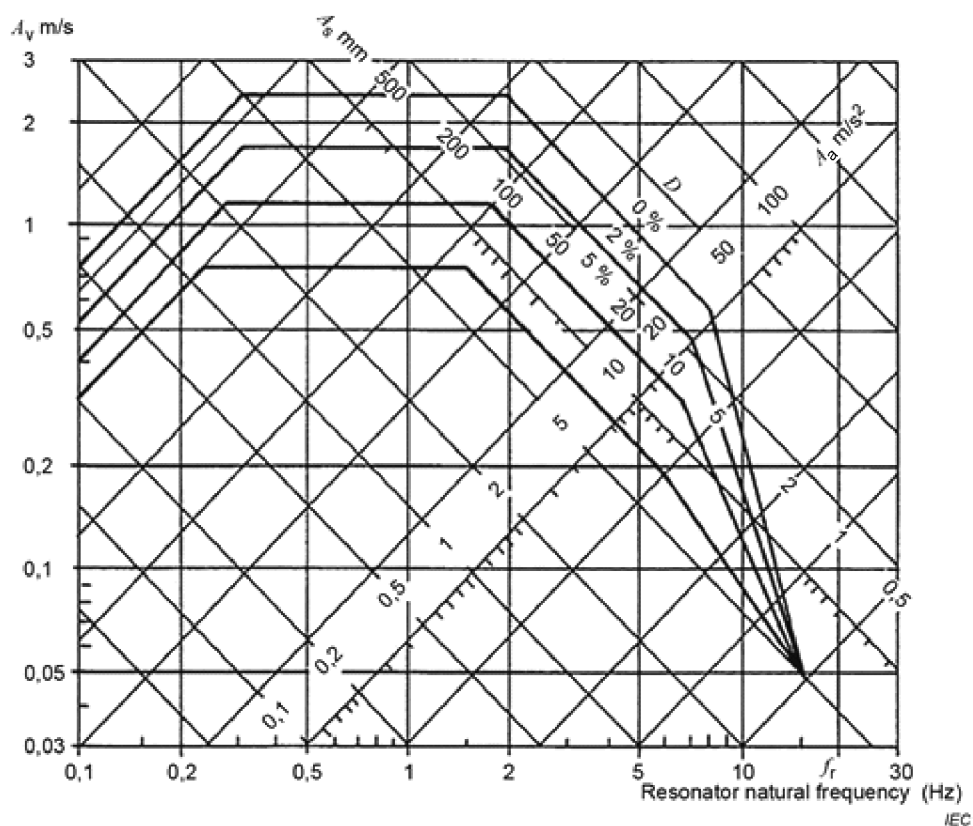
Key

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

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