

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 60721-2-6
Edition 2.0 2022-12

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**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**

CORRIGENDUM 1

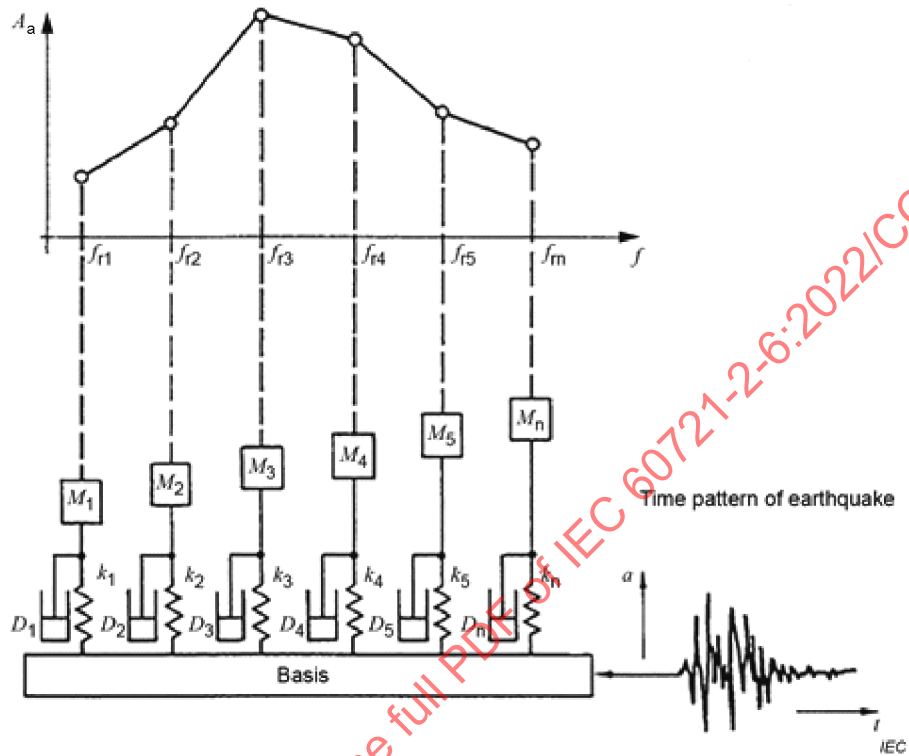
Corrections to the French version appear after the English text.

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:



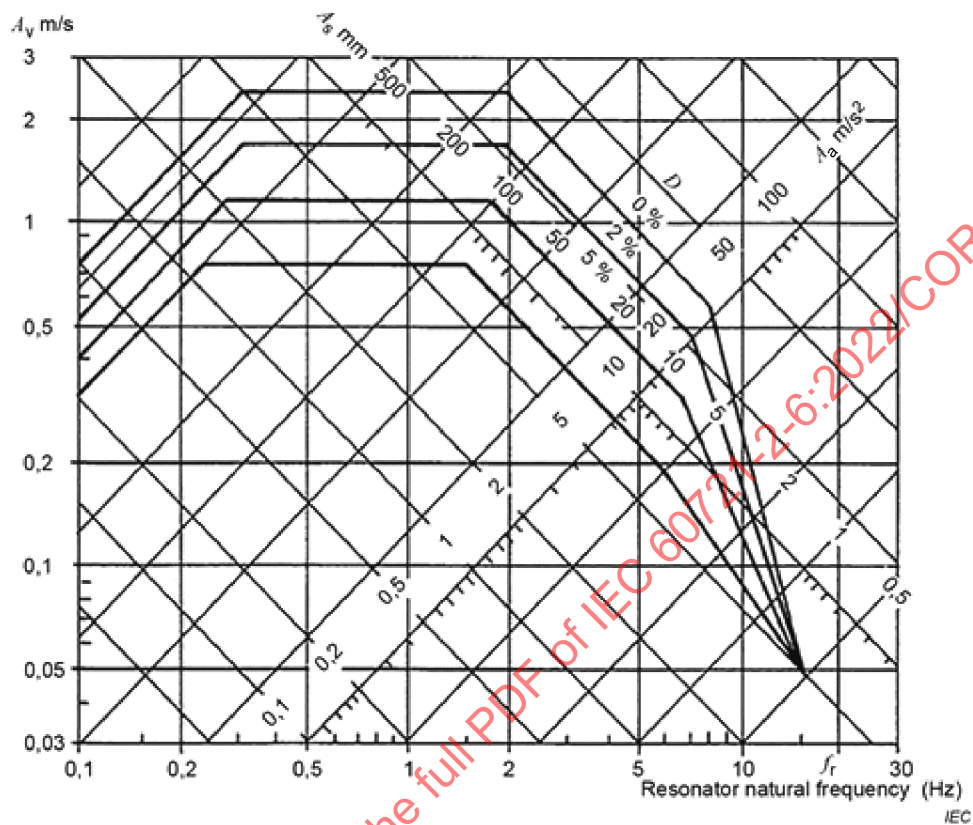
Key

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

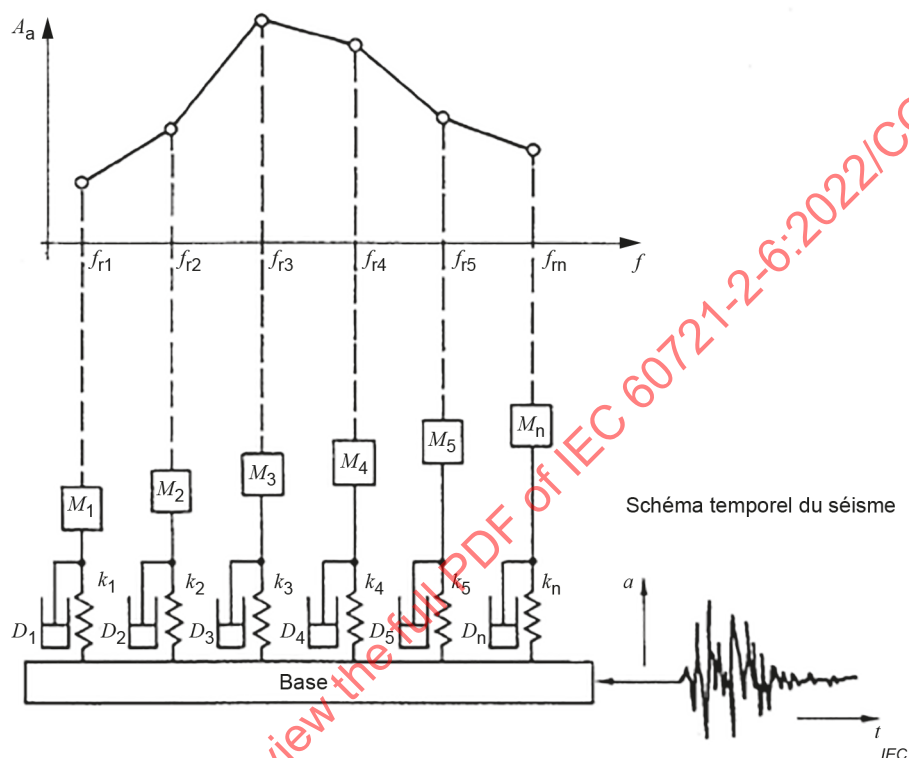
Figure 4 – Example of required response spectrum for ground motion

Corrections à la version française:

7 Classification des zones d'activité sismique

Figure 2 – Modélisation d'un spectre de réponse

Remplacer, sur l'axe vertical, le symbole erroné A_s par le symbole A_a , conformément à la légende, comme suit:



Légende

a	amplitude de l'accélération de base	f	fréquence propre
A_a	amplitude de l'accélération de la réponse	k_i	raideur
D_i	amortissement	M_i	masse
f_{ri}	fréquence propre d'oscillateurs distincts	t	temps

Figure 2 – Modélisation d'un spectre de réponse