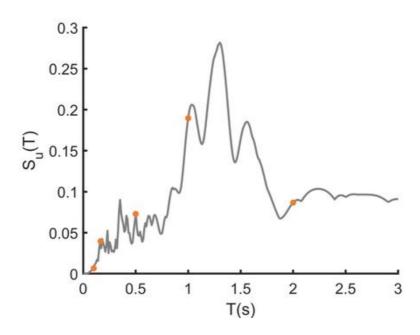
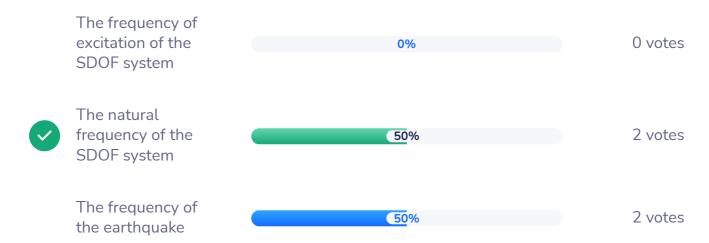
DOS: Response spectra

Number of participants: 5

The frequency/period axis of a response spectrum corresponds to

2 correct answers out of 4 respondents







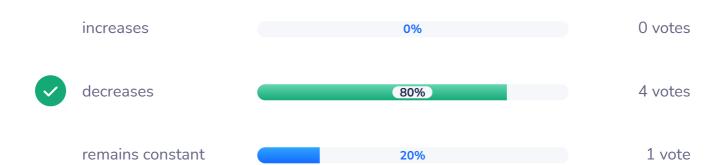
2. The spectrum Se used in Eurocode 8 for paraseismic calculations is

0 correct answer out of 3 respondents



When the damping of the SDOF 3. system is higher, the maximum of the response spectrum

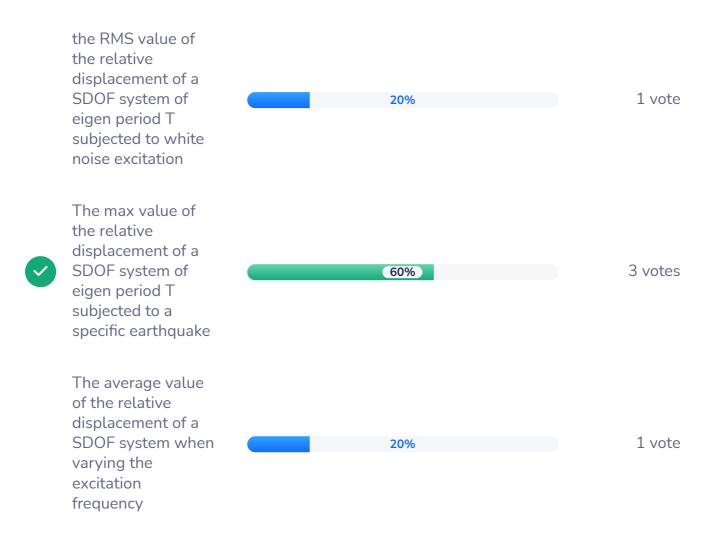
4 correct answers out of 5 respondents



×

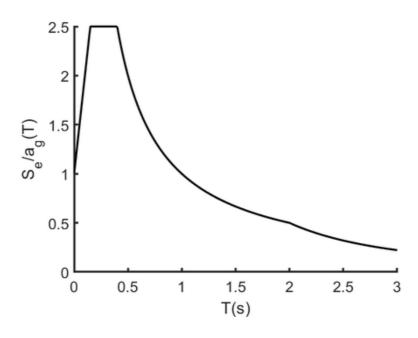
The value of Su (relative 4. displacement spectrum) for a specific period T corresponds to

3 correct answers out of 5 respondents



5. The analytical expression of Se given in the Eurocode is

4 correct answers out of 4 respondents



representing the average pseudoacceleration 4 votes 100% spectra for different earthquakes occurring in the same region the average frequency response function of a SDOF 0 votes system subjected to an earthquake A curve giving the ground acceleration 0 votes 0% for specific earthquake types

a function



6. The design spectrum Sd in the eurocode corresponds to

O correct answer out of 0 respondent

	The relative displacement spectrum as a function of the region and type of soil	0%	0 votes
>	The elastic spectrum Se divided by a behavior factor in order to take into account inelastic behavior of the SDOF system	0%	0 votes
	The spectrum used by design offices in	0%	0 votes

a CAD software

×

For the calculation of efforts and 7. displacements on a MDOF system, the methodology consists in :

3 correct answers out of 3 respondents



No

0 votes



The wooclap sessions are useful to 9. test our knowledge of the course material

5 respondents

