# DOS : Dynamic response computation

Number of participants: 14

1. — 2. — 3 —

#### In order to compute the dynamic 1. response of a structure, one needs to (put in the right order)

#### 11 respondents

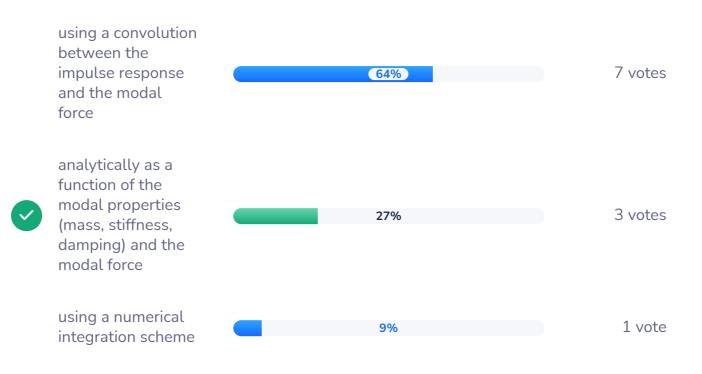
#### Most frequent combinations:



https://app.wooclap.com/events/RPNFZG/results



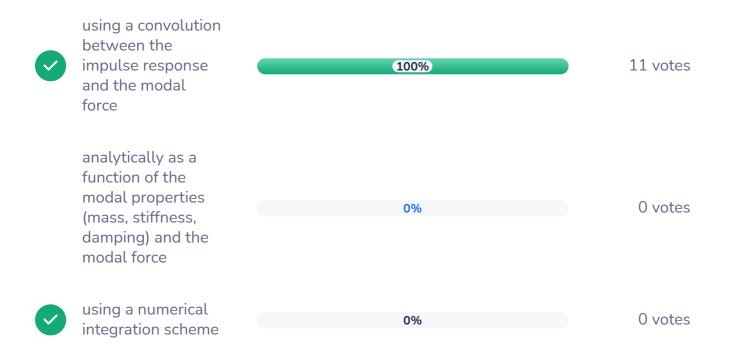
## Image: Point of the modal response in the frequency domain is computed3 correct answers<br/>out of 11 respondents

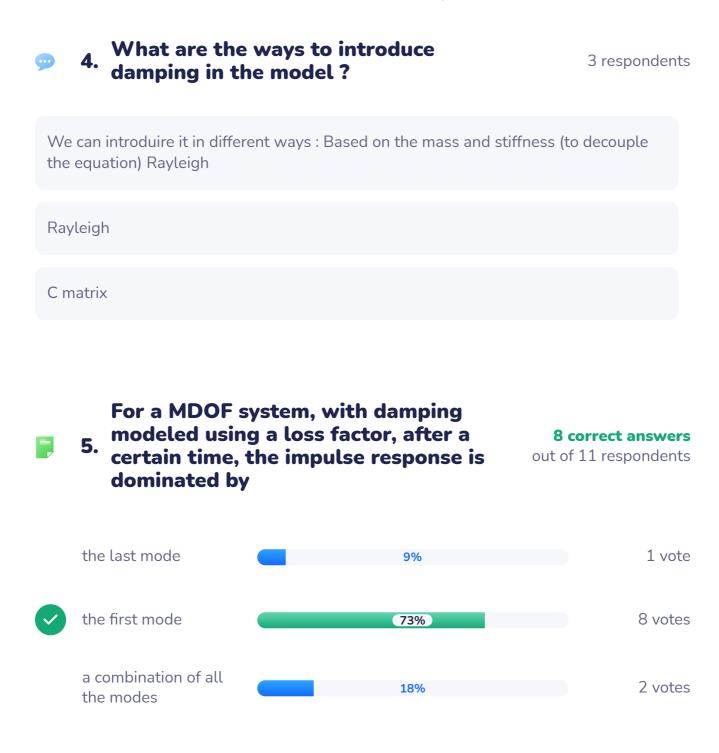


### **3.** The modal response in the time domain can be computed

**0 correct answer** 

out of 11 respondents





#### For base excitation problems (such 9 correct answers 6. as earthquakes), the modal force is out of 10 respondents given by the total mass of the structure 1 vote 10% multiplied by the ground acceleration the mass of the base of the structure multiplied 0 votes 0% by the ground acceleration the modal acceleration factor which is a function of the mass matrix 9 votes 90% and the mode shape considered multiplied with the ground acceleration