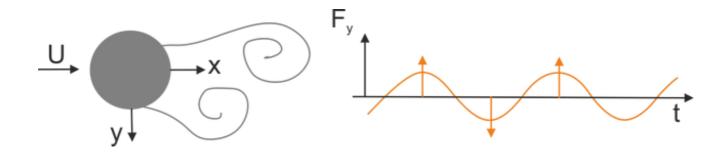
# VIB: Flow induced vibrations

Number of participants: 18



# Which type of flow induced 1. vibrations does this schematic represent?

9 respondents



Vortex

Vortex

Vortex induced vibrations

Vortex

Vortex

Vortex induced

vortex induced

vortex induced vibrations

Periodic vortex

Votex

Constant flow



### - ×

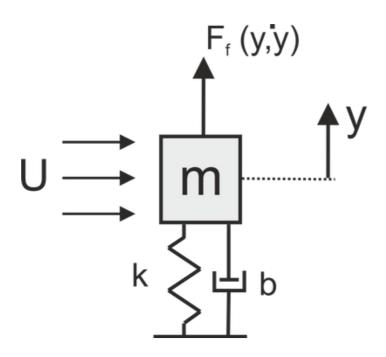
# Which statements about VIV are 4. correct? (Multiple answers may apply)

**1 correct answer** out of 14 respondents



# 5. In self-excited vibrations, the force Ff due to the flow is a function of

### **14 correct answers** out of 14 respondents



the displacement of the flexible object

the velocity of the flexible object

ow

ovotes

ow

ovotes

ovotes

ovotes

the velocity of the displacement and the velocity of the flexible object

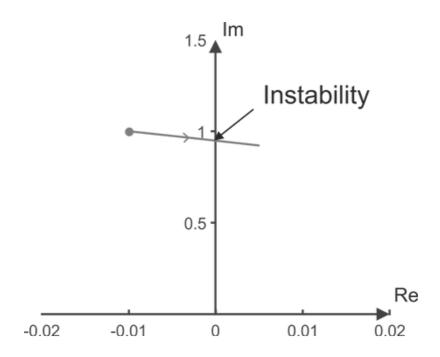
ow

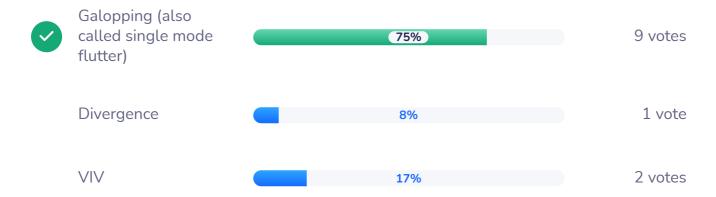
ovotes

#### 6. This is an example of

#### 9 correct answers

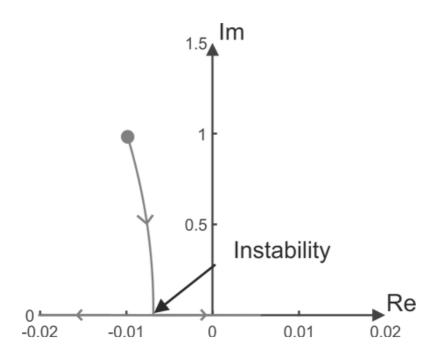
out of 12 respondents

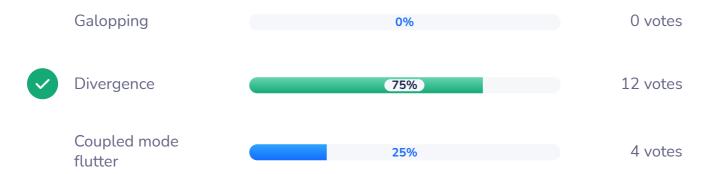




# 7. This is an example of instability in the form of

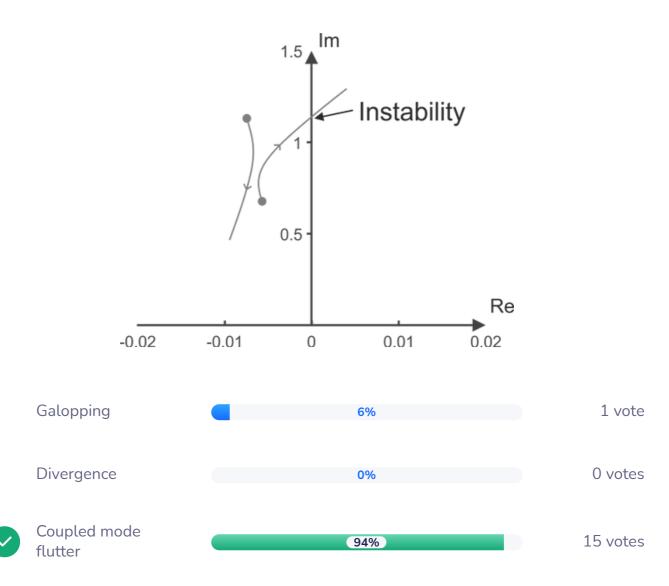
### **12 correct answers** out of 16 respondents





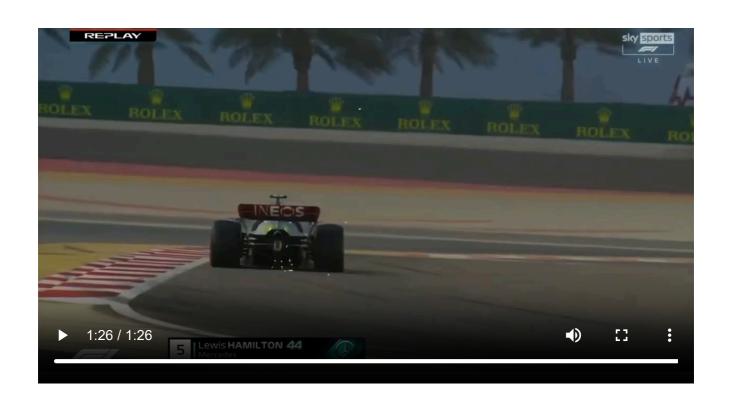
# This is an example of instability in the form of

### **15 correct answers** out of 16 respondents



Hamilton Serious Porpoising \_Formula 1 2022.mp4

0 respondent



# What was happening to Hamilton's 10. Mercedes? (Although in F1 it always is a bit of a guess)

**11 correct answers** out of 13 respondents

