DYNAMICS EXAM TRIAL "0₂"

23.01.2020

Theoretical Part (6 points)

Define:

1) Eigenproblem (2 points)

2) Coupling in dynamic systems (2 points)

3) Orthogonality of Normal Modes (Proof) (2 points)

Practical part (6 points)

- 4) Find elements of matrix equation of motion
 - 1. Assume general coordinate system q (1point) and find
 - 2. mass matrix (4 points)
 - **3.** excitation vector (1 point)

