

Material resistance(მასალათა გამბლეობა.ინგლისური)(სატრანსპორტო)

I სემესტრი.2018-2019 წელი

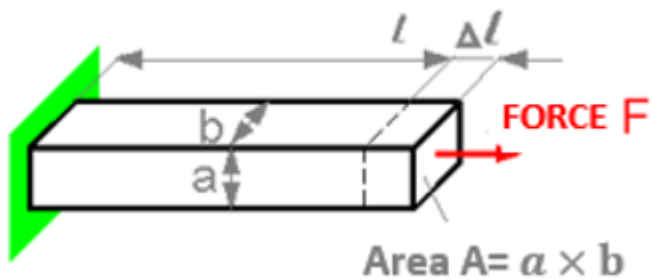
Middleterm test.

Sample

შუალედური გამოცდის ნიმუში

Question 1

The deformation Δl is proportional

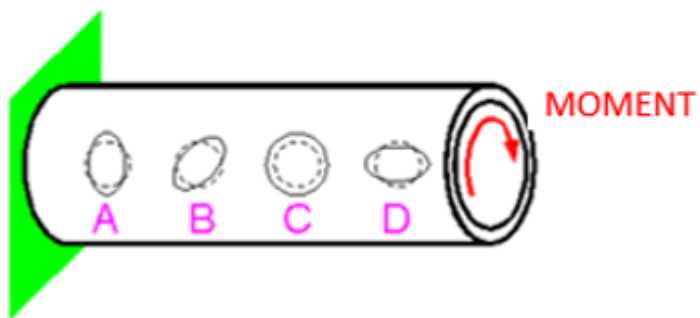


Select one:

- a. Width b
- b. Height a
- c. Length l

Question 2

The dashed line shows the circles before applying the load to the pipe.
How do the shapes of the circles change after applying the torque?

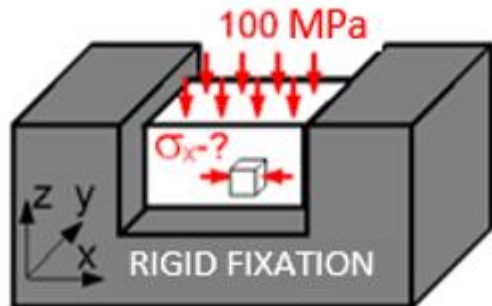


Select one:

- a. B
- b. A
- c. D
- d. C

Question 3

For the block material, the Poisson coefficient is 0.3.
What is the stress σ_x equal?

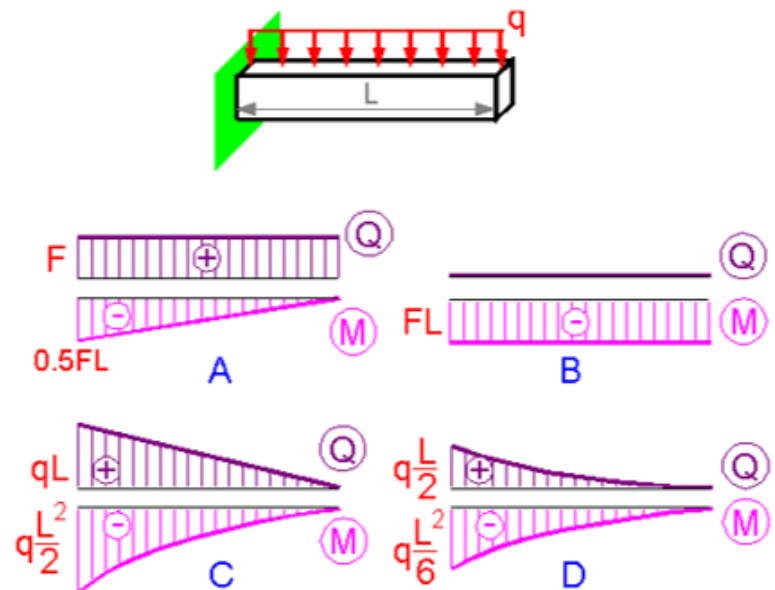


Select one:

- a. 100 MPa
- b. 30 Mpa
- c. 0 MPa
- d. -30Mpa

Question 4

Which epures of the transverse force $Q(z)$ and the bending moment $M(z)$ correspond to the given scheme?



Select one:

- a. C
- b. B
- c. A



d. D