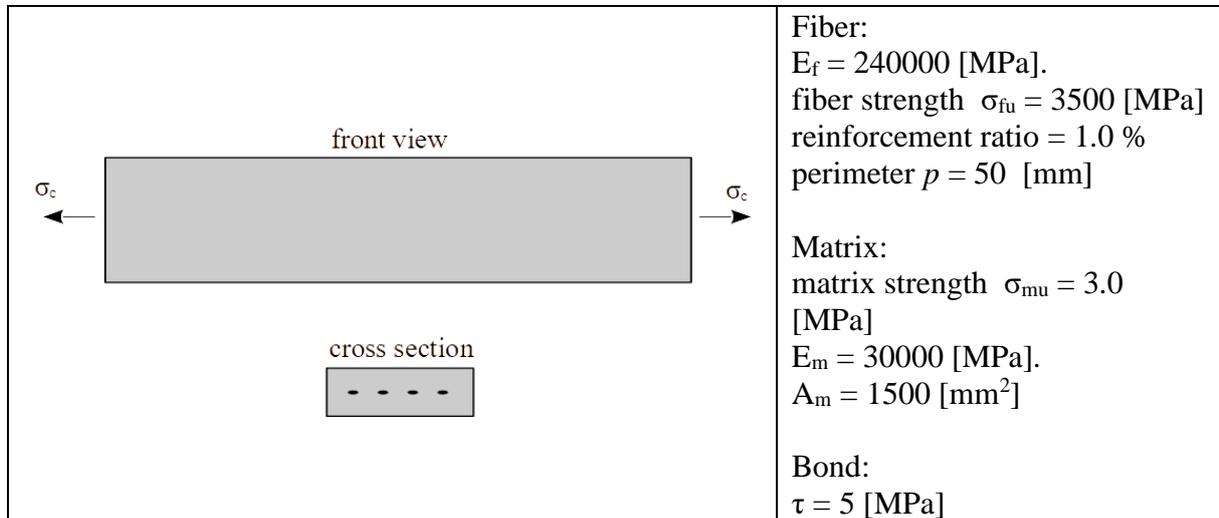


X0204: Tensile behavior of a composite with constant bond-slip law

For the displayed tensile test of textile-reinforced composite specimen assuming a constant bond-slip law with the given data:



- Calculate the stiffness of the composite.
- Calculate the characteristic values of the ACK model and plot the stress-strain response of the composite.
- Calculate the average crack spacing.
- If the reinforcement ratio is doubled, how will the stress-strain response and the average crack spacing change?