

COURSE WORK No. 3

For the given structure (course work 1) find:

- a) The maximum shearing stress and draw its diagram;
- b) Equivalent stress in the critical section, using a given yield criterion.

According to your variant use The Maximum Shearing Stresses Yield Criterion (odd variants) or The Von Mises Stress Yield Criterion (even variants). Draw the normal and shearing stress diagrams in the critical section.