Draw the distribution of internal forces M, N, V on a given structure. Determine the location and the magnitude of the maximal bending moment M on intervals (b, c) and (c, d). To check your results you will need to compute the reaction forces Ax, Az, E, internal forces Nab, Nba, Nbc, Ncb, Ncd, Ndc, Nde, Ned, Vab, Vba, Vbc, Vcd, Vdc, Vde, Ma, Mba, Mbc, Mc, Mde, Me, and Xmax(b,c), Mmax(b,c), Xmax(c,d), Mmax(c,d) where Xmax is an inclined distance of the maximal moment Mmax from point b. If there is no maximal moment on either of these intervals set the values of Xmax and Mmax for this interval equal to zero. The signs of checked forces M, N, V correspond to a recommended selection of bottom fibers (e.g. for an inclined beam (b, d) the bottom fibers of the cross-section are selected on the left hand side (on the side of sections labeled by letters b, c, d)).