



Represent the hyperbolic paraboloid in the given frontal axonometry. The first image of the frame of the surface is the parallelogram $A'B'C'D'$. $A=A'$, the height of B is 56 mm, the height of C is 16 mm, the height of D is 90 mm. Insert four more generators which are transversals of AD and BC respectively.

Construct the axonometrical contour curve, the principal generators, the axis and the saddle point of the surface.

Intersect the surface with the first projecting plane laying on points B and D . Construct the contour point and tangent at a general point of the curve of intersection.

Show the visibility of the generators and curve of intersection on the surface.