

Construct the hyperbolic hyperboloid standing on the xy plane in orthogonal axonometry given by the tracing triangle. The axis of rotation is the axis z. The top view of the generator a is a' , the pedal point of a is 1. The center of the throat circle is M. Construct the surface between the throat circle and base circle using 12 generators of the surface. Construct the self-shadow, the cast shadow and the projected shadow at the given parallel lighting f.

