## Worksheet 04 05 02: Intersection of Truncated Hexagonal Pyramid and Cuboid

A straight pyramid with a hexagonal basement is truncated by plane  $\sigma$ , which is given by line f and its intersection line s with the basement's plane. The remaining truncated surface of the pyramid is further cut by a horizontal straight cuboid. This cuboid is given by its cross section, which is a square in a symmetrical plane of the pyramid. Define the intersection polygon of the truncated pyramid and the cuboid. Show proper visibility of the remaining surface.

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