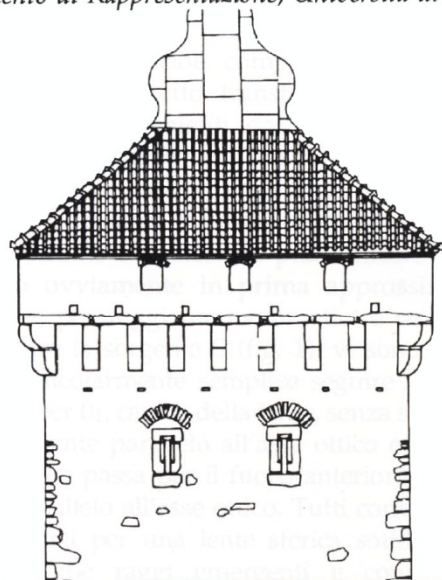
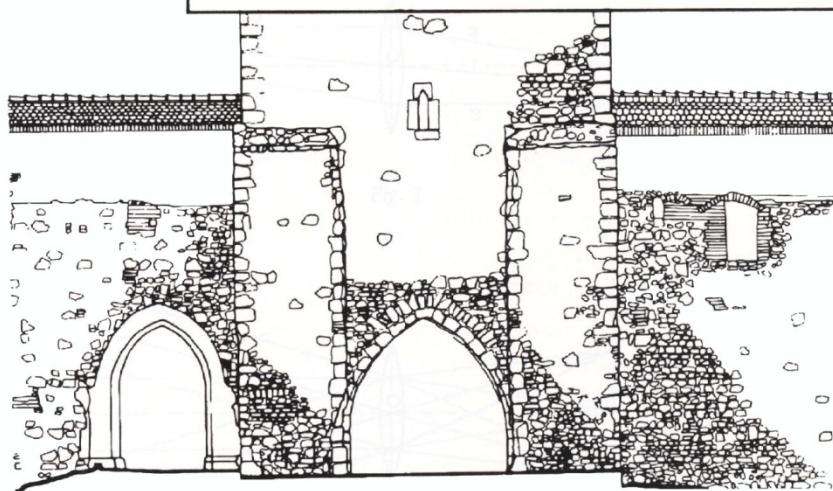


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PROIEZIONE FOTOGRAFICA
ORTOGONALE



CIPA XIII INTERNATIONAL SYMPOSIUM
CRACOW, 23-26 OCTOBER 1990

ORTHOGONAL PHOTOGRAPHIC PROJECTION

A simple centred system of slender spherical lenses suitably arranged (a system, of course, devoid of distortion), can furnish an image of any object that, picked up in a sensitive plate, may be taken as being an correct orthogonal projection.

Schematically the apparatus is made up of an optical system A constituted by two lens sets working as a telephotolens (the former being a fore convergent set, the latter a hind divergent one) and of a further objective system B, whose center is located at the second focus of A.

It is important to clarify that the width of the field is exclusively dependent on diameter of the former lens set, since only the object points on the straight lines orthogonal to the plate and intersecting the set above yield quite axonometric images.

It is worth stressing the great usefulness of such a photographic system characterized by speed, precision and cheapness.