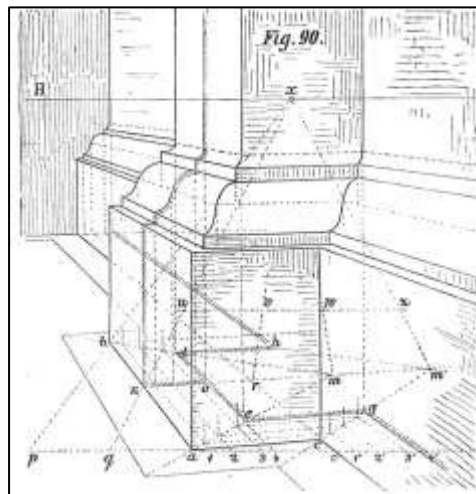


Maciej Bartos, *Cokół budynku – funkcja i forma*

POLITECHNIKA WROCŁAWSKA
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COKÓŁ BUDYNKU – FUNKCJA I FORMA
THE PLINTH OF BUILDING – FUNCTION AND FORM

PRACA DOKTORSKA - STRESZCZENIE
PH.D. DISSERTATION - ABSTRACT

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ABSTRACT

The PhD Dissertation presents the importance of development, proper construction-design and performance - " point of junction " building (the façade and its finish) with the ground or surface (e.g. pavement, side-walk).

The Ph.D. Thesis is a collection of reflections on the plinths at the premises of the historical and contemporary. Shows the problems of defining and designing plinths in architecture since ancient times till present The initial plinth definition is expanded to include his new understanding-especially in terms of current (for example plinth apparent, plinth-ground floor). The bases of the modern less frequently allude to historical forms, must also meet the new formal, technical and operational requirements.

Comparison of selected ones since ancient times (mostly from Europe), formed over thousands of years proves that most of the plinths of buildings are quickly destructed under the influence of the weather. Very well work till today some facings stones, ceramic and some kinds of plasters (eg. the noble plasters).. Not always so it is necessary to the application of construction and finishing materials of new generation is demanding special solutions in their installation.

Contemporary analysis refers to specific examples of the implementation of the turn of the 20th and 21st centuries, which increasingly reach for new functional solutions and technical-material-especially in the field of forming the walls of the layer structure with all kinds of linings and modern external glass partitions.

Also presented an innovative features and schemes of plinths and conclusions for exploitative risks.

Keywords: architecture, building, plinth, facings