**Research Article** 

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**Keywords:** Research; Composition; Architecta ral space; eorg of architecta re; R les and principles

## Introduction

Each a Marmp Ma Main Marod cing a new architect Maral object Maro an e is Marg en ironmen Maral na Maral, and cial or a mi ed one) is an interference with the en ironmen Mars is al character and composition; The interference withich balances between iden Macalness and complete dissimilarity Making also a series of in-between forms. De ning Mare de elopmen Morf's ch an en ironmen Mars a process of changes, one max Mareore Macall distang ish Mare following sim allons or Wapes of Mareore Maral Maral Maral

- 1. Addiadon of nel elements a bare e is ang en are
- 2. Replacement of the e is any component of the endre and read in the endre and the en
- 3. Remo al of Me e is Mng elemen ,
- 4. Transformation of the e isting element,
- 5. Relocation of the e isting elements,
- 6. Combina in an arian is of the abo e-men is one does in the solution is the solution is a solution in the solution in the solution is a solution in the solution is a solution in the solution is a solution in the solution in the solution is a solution in the solution is a solution in the solution in the solution in the solution is a solution in the solution in the solution in the solution is a solution in the solution in the solution in the solution is a solution in the solution in the solution in the solution in the solution is a solution in the solutin the solutin the solution in the solution in the so

From a status status points of ieg, the most common cases ighich occ r in the de elopments of b illien iron ments (i.e. b ildings and comple es of b ildings) are the abo e-ments oned in the most of the anel of the anel of the anel of the status of the e isolarge elements with a nel one, or than sformation of the e isolarge elements by pro iding isolar in the features. One of the major iss es referring to the e 'amination of is al q align of the

Citation:

Asymmetrical balance of functional plan (FP): us created is sligh more abs tack and generalls more in the resking from a is al points of 'iegg than a signmetrical balance of the plan. Instead of placing mirroring FPs on both sides of the composition, the assimmetrical balance deals g ith objects of di erents; shapes, shades or positions. e objects are located in s ch a g as that in spite of their di erences the balance one another on the plan. If there is a big objects on one side, itim state balanced g ith se eral smaller elements on the other side. As a res it the ghole composition makes an impression of a balanced one. In contrast in simple is most in ersal and can be applied m ch more o en. In addition to that the points of intersection of FP lines becomes an important elements (Fig re 5).

Focal point A **focal point** is the screated and, the have eritating be, it cathes the obser er's effect e focal point is a part of the plan as a the hole and melts in the background. While composing FP, the necessities of en arises to make a certain PF (plan eld) element more distancial 'e than the others. It may be for instance a point of s pport of FP (f nctional plan) on the plan o the.

Ins Marad of making Mare obser er foc s on matching di eren MA FP elemen Marado for distinguishing a cerva in elemen Marada Sa Marado for distinguishing a cerva in elemen Marada Sa Marado for the second sa par Marado for the second sa marado for the second be 'read' and nders Marado for the designer and no Marced by Mare obser er.

### Sample Presentation of the Spaces Analyzed

# Construction of agora shopping mall – regeneration of kosciuszko square

In 2006 Mare area loca dad Kosci szko Sq are (Plac T. Kos ci szki)

in Bhe cibe of Bestom, Poland, Bas sold for 15 million Polish Zlobes Bo a Scandina ian compane Braaken+Pedersen pl s Parkiners. es b ilk an e cl si e shopping and enkertainmenk cenkre Bhere. is modern shopping gallers called 'Agora Bestom', Bas constr ched rights in the cites cenkre, on Bhe side of Bhe q arker of Bolt n ho ses demolished in 1979, bette een Bhe follog ing screek: Jain Ba Dzieci Le of skich, Piekarska and Kosci szko Sq are. e shopping mall is siki aked akene e ikof Digorco a Skreek ghich is Bhe main shopping skreek in Bestom. e bod of Bhe gallers gas di ided in Bo 3 blocks in Berconnecked bo means of infernal passages ghich meek nder Bhe canopies of glass-galled akei ms. Fo r skores of Bhe gallers of Bhe Bobal sable s rface of 55 000 m ho se 120 shops and ser ice points, big screen mo ies, n mero s cafes and resk rank, o ce areas as gell as a medi m-size enkertainmenk hall.

e e Maended in Maernal p blic space gas also planned caref light Ende is Mabrs gail be able Mab se Mane space of Mane cen Maral sq are and in from Ma of Mane mall Manere gail be a green sq are gail Mabenches and a fo n Manin.

#### In search of medium of agora plan

In accordance & in the research method adopted, the basis for the plan assessment is de ning and reading (interpretence) the star control frame of the star of the sense of peace and stability. Obliq e lines, in the rest of the sense of peace and stability. Obliq e lines, in the rest of the sense of peace and stability. Obliq e lines, in the rest of the sense of peace and stability. Obliq e lines, in the rest of the sense of peace and stability. Obliq e lines, in the rest of the sense of peace and stability. Obliq e lines, in the rest of the sense of the sense of peace and stability. Obliq e lines, in the rest of the sense of the sense of the star of the sense the sense of the sense of



Figure 6: Sample control drawings for the plan feld of planes in the constructed building. FP (Functional Plan) Sequence for selected overground storeys of Agora Shopping Mall. (A) composition, (B) plan feld PF, (C) circulation system, (D) functional felds.



Bytom Agora Shopping Mall (b) Bird's -eye-view satellite photograph an

indi id al FP lines de Mermine Mae so-called s Mong poin Ma of Mae plan eld. ese are Mae places Maere major elemen Ma of Mae composition sho ld be loca Mad \_ signi can Maelemen Ma of finc Monal s Markems. e s ppor Mapoin Ma of obliq elines on Mae eld frame cons Max Mae ano Maer i Mal aspec Maelemen Mong Mae finc Monal plan (FP) are Mae ne Mampor Man Maelemen Mof Mae plan composition. es 'g ide' rs Marke designer's eses on Mae plan and Maen Mae obser er's eses Maro gho Mare objec Moreo er, par Mac lar Mappes of lines mas emphasize a cerva in a Manosphere of Mae in Marior. Addi Monal emo Mons can be bro gh Mab c r ed lines, especial Maro S-shaped, March re ec Maracef liness and Manq' ili Ma

Fig re 6 presental seq ences of creation of s ch a plan on the basis of the plan eld (PF) of indi id al stores of the b ilding. While looking as if 'from the inside', it is not ceable that if it he preser attor of the plan o the (PO) all elemental of the plan eld on indi id al stores become s bjectato the statemental of the plan eld on indi id al stores become s bjectato the statemental of the plan eld on indi id al stores become s bjectato the statemental of the plan eld on indi id al stores become s bjectato the statemental of the plan eld on indi id al stores become s bjectato the statemental of the plan eld on indi id al stores become s bjectato the statemental of the restation, both in the area of f ndamental elds (de ning f nctional gro ps) and in the areas determining feater res (forms) of the most basic elemental of the plan (the abo e-mental oned is especially isible in the presentated spatial a onometato of the statement (Fig re 7). Net distang ished areas come into being, focal points mo e or disappear. D ring the composition process the state ct ral frameta ork mesh is s bjectato deformation and the n mber of its ariables increases.

## **Conclusions from CQC Method-based Assessment**

An rban de elopmen Alplan, irrespec Al e of Albe Machniq e i Al Alas made Alia i as Alell as regardless of Albe Marer i Alis similar or no Alab Albe real Algorid, m s Alal Al Alas be ordered and composed in a Alell Albo gh Alo Al manner. ere are no be o plans-images composed iden i callis or e en similarlis set in principles go erning in e composition of elementia constant in give plan image. e said composition process can be aided bis Composition Q alises Control (CQC), de eloped as an a thor's method for p thing in order iss es related in architect ral en ironmentiadesign. Proper and skilf 1 se of these tools mais res likin the creation of ario s kinds of atmosphere, feelings, emotions is thich can be e perienced bis the obser ers. Vario s e ectimate be achie ed, s ch as statics, order, balance and harmons or the opposite ones, s ch as distantics, chaos or imbalance. In the area of a negative e impacted the objection is en ironmentia the decrease in is al q alities of the