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Polje raziskovanja so stanovanjske zgradbe in uporaba računalnika in računalniške grafike z multimedijskimi prezentacijami v arhitekturi ter metodologija projektiranja arhitekture z uporabo računalnika

Predmeti v šoli, ki jih vodim, so Detajl v arhitekturni kompoziciji 1 in 2 ter Projektiranje in kompozicija pri dodiplomskem študiju, Identiteta slovenske arhitekture na podiplomskem študiju ter mentorstvo pri magisterijih in doktoratih

Tip risbe, ki jo najbolj pogosto uporabljam je idejna, kompozicijska skica objekta in njegova grafična prezentacija s pomočjo računalnika v obliki računalniške grafike ali žive, dinamične multimedijske predstavitve

Cilj risbe je potek umetniške izpovedi od kreativne ideje, skice te ideje in prenos te ideje v različne oblike prezentacije, ki je povezava med arhitektom, investitorjem in izvajalcem

Tehnika risbe je torej najprej prostoročna skica in naprej iz nje izpeljane različne oblike računalniške 2D in 3D tehnične risbe, animacije in na koncu, kot najvišja oblika predstavitve, dinamične multimedijske prezentacije arhitekture

Opis tehnike: najprej je skiciranje kot umetniška izpoved ideje, potem digitalizacija skicirane ideje in računalniška prezentacija z vmesnimi printi, ko je možno preveriti prenos ideje v nov in drugačen medij ter dokončati postopek s končno prezentacijo

Praktični prikaz (stran 43)

Uporaba risbe v edukativnem procesu: opisana metoda se običajno uporablja pri vsaki prezentaciji arhitekturnega dela študentom, seveda spremljano s potrebnim komentarjem

My research activities have focused on housing, the usage of the computer as well as computer graphics with multi-media presentations in architecture and the methodology of architectural projecting procedures through the usage of the computer.

I have been conducting courses on the Detail in architectural composition 1 and 2 and on Projecting and composition for undergraduate students, as well as those on the Identity of Slovene architecture for post-graduate students. I have been supervising MPhil and PhD theses.

The type of drawing I have most often been using is the idea-based composition sketch of a building and its computer graphic presentation either in the form of computer graphics or dynamic multi-media presentations.

The aim of the drawing is to shed light on the artistic process which starts with a creative idea and is followed by a sketch of the idea and a transfer of this idea in various forms of presentation establishing the connection between the architect, investor and constructor.

The drawing technique therefore starts with a freehand sketch transformed in various 2D or 3D formats of a technical computer drawing and animation and culminates in a dynamic multi-media presentation as an utmost architectural presentation.

The description of the technique applied: The sketching process projects the artist's declaration of an idea. The sketched idea is converted into a digital form and a computer presentation is prepared with intermediary prints allowing the verification of the projection of the idea in a new and different medium. The completion of the procedure results in the final product, i.e. the computer presentation.

Illustrative example (page 43)

The application of the drawing in the teaching process: The above-mentioned method has usually been applied during each presentation of an architectural project to an audience of students. The presentations have always been accompanied with a commentary.

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