

عنوان مقاله:

(Designing of climate algorithm of building external shell with using parametric software (Case study: Birjand city

محل انتشار:

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خلاصه مقاله:

parametric designing systems as an productive tool in Designing of digital architecture, with using algorithms, accurately control geometry throughout the design process. The flexibility and responsiveness of these tools to designs changes causes that parametric structures convert to the useful and practical model, especially in designing the complex and unique fashion. . in order to make climate shells, for buildings which their body do not fit with sunlight, parametric design was used. Parametric shells, by structural and energy analysis, can cover undesirable shells, and eliminate their weaknesses in terms of beauty or climatic conditions, and create a favorable structure for them. For this reason, in the following study, we investigate forming parametric shell with using Grasshopper and Ladybug parametric software in Rhino environment. Mentioned shell is based on algorithms, formed by solar energy

کلمات کلیدی:

shell, algorithm, parametric design, energy simulation, climate

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