

عنوان مقاله:

Simulation and optimization of energy consumption systems in buildings in varying climatic conditions

محل انتشار:

اولین همایش ملی فناوری های پیشرفته در مهندسی و محیط زیست (سال: 1397)

تعداد صفحات اصل مقاله: 12

نویسنده:

H Bashirpour-Bonab - *Department of Mechanical Engineering, Bonab Azad University, Bonab, Iran*

خلاصه مقاله:

as one of the effective parameters on energy consumption, buildings have always been considered the attention of engineers to reduce the amount of energy consumption. in this study, the effect of different factors including effect of different views on energy consumption has been investigated, for this purpose, the energy Plus software has been used to model and perform sample building calculations at three parts of tehran, tabriz and bandar abbas. the results of this study show that the city of tehran will have the best performance in reducing energy consumption and it will be suitable for Tabriz city of color concrete, as well as in bandar abbas, a warm climate representative, the use of travertine¹ is suitable

کلمات کلیدی:

energy consumption, facade , climate, green roof, building

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/848791>

