Solar Energy Prediction System

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Abstract: *Solar power will become even more affordable in the coming years thanks to advancements in technology. It's possible that solar energy will be the most important source of energy for the production of electricity in a significant portion of the world by the year 2030. Climate change and the environment will also benefit from this. In this paper, we implement the SVM method to achieve the quick and accurate real-time prediction of solar radiation may be, in contrast to the majority of existing research works on solar radiation prediction, which largely focus on the offline solar radiation prediction.*

Keywords: Solar Power

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