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A new fine-grained classification strategy for solar daily radiation patterns

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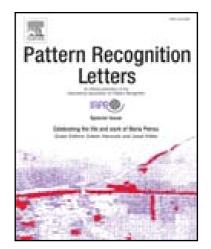
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Highlights

• This paper deals with the

fine-grained classification of solar radiation daily pattern into four classes.

- The problem is relevant both for analysis and modeling solar radiation time series.
- An original pair of indices is introduced, referred to as the area ratio A_r and intermittency *I*.
- A strategy to estimate the clear sky model is introduced.
- It is proposed a feature based classification strategy.

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