عنوان مقاله:

Theoretical Aerodynamic analysis of six airfoils for use on small wind turbines

محل انتشار:

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خلاصه مقاله:

In this paper theoretical analysis of six airfoils, the AG24, AG35, AG455ct, CAL1215j, CAL2263m and CAL4041l has been done. The analysis performed in this study are intended to provide theoretical predictions for power coefficient by used of MATLAB software based on experimental measurements at low Reynolds number. The results show that .the airfoil appropriate to the design is AG35Airfoil

کلمات کلیدی:

Aerodynamic analysis, Airfoil, power coefficient, small wind turbine, MATLAB code