

Through an exploration of the evolution from traditional materials to cutting-edge composites, the paper highlights how these developments significantly enhance the efficiency, ...

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Overview and flow parameters of wind turbines are addressed. Important current research on increasing rotor efficiency is reviewed. A comprehensive summary of recent design, analysis, and ...

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Focusing on optimizing wind turbine aerodynamic efficiency, performance, and manufacturing ease, this work examined a broad range of ideas. Among these were bend-twist ...

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