# Conch-shaped wind turbine



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This paper aims to identify an optimal seashell-shaped rotor configuration, delivering the highest output power under thrust constraints through a systematic multi-objective optimization...

The present work introduces various designs of the rotor of the seashell wind turbine to achieve the greatest performance. Two types of turbine spiral profiles (logarithmic and Archimedean) ...

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In 2012, two wind turbine blade innovations made wind power a higher performing, more cost-effective, and reliable source of electricity: a blade that can twist while it bends and blade airfoils ...

This lighter-than-air energy system is made up of a Small Horizontal Axis Wind Turbine (HAWT) that is encased in a helium-filled ring shape buoyant shell and operated by ...

An object shaped like an inflatable airship was seen floating over Yibin, Sichuan Province in Southwest China earlier this month. Turns out, it wasn''t some unidentified object. In fact, it was an ...

Different models of the spiral profile of the seashell-shaped wind turbines. The seashell-shaped wind turbine (spiral wind turbine SWT), a brand-new form of the horizontal axis...

A wind turbine comprising a rotor having a shallow slope cone configuration on a horizontal axis with its apex facing the wind and its base downstream. A plurality of circumaxially-spaced...

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