

Achieving of Magnus effect with Agros Suite

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Cylindrical blades Magnus wind turbine optimization and control system

Alassaf, Omar; Lukin, Aleksandr; **Demidova, Galina**; Kozlov, Gleb; Volkhontsev, Andrey; Poliakov, Nikolai 29th International Workshop on Electric Drives: Advances in Power Electronics for Electric Drives (IWED) 2022 / p. 1-5
<https://doi.org/10.1109/IWED54598.2022.9722582>

Experimental prototype of high-efficiency wind turbine based on Magnus effect

Lukin, Aleksandr; Demidova, Galina; Lukichev, Dmitry; Rassölkin, Anton; Kallaste, Ants; Vaimann, Toomas; Belahcen, Anouar 2020 27th International Workshop on Electric Drives: MPEI Department of Electric Drives 90th Anniversary (IWED), Moscow, Russia, January 27-30, 2020 2020 / 6 p <https://doi.org/10.1109/IWED48848.2020.9069565>

Force-based feedback for haptic device of mobile assembly robot

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Generative design in development of mechanical components for Magnus effect-based wind turbine

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Investigation of FEM software for Magnus Effect Simulation

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<https://doi.org/10.1109/IWED52055.2021.9376396>

MPPT algorithms for wind turbines : review and comparison

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Small magnus wind turbine : modeling approaches

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