

Problem 1



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Advanced Design and Rapid Manufacture of Composite Propellers for Large Underwater Vehicles

Can we develop a sovereign capability to rapidly produce advanced propeller designs with minimal tooling costs for large and extra-large underwater vehicles?

How can we optimise composite marine propeller design to achieve reduced weight, enhanced hydrodynamic efficiency and high durability?

How can we rapidly produce such composite propellers with consistent and high quality at the required scale?