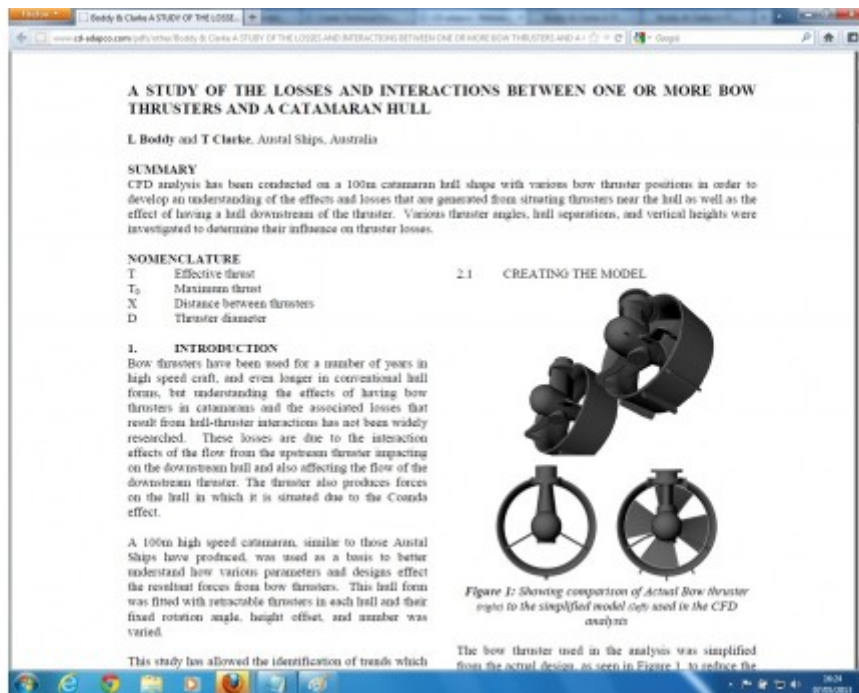


A study of the losses and interaction between one or more bow thrusters and a catamaran hull



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Abstract:

CFD analysis has been conducted on a 100m catamaran hull shape with various bow thruster positions in order to develop an understanding of the effects and losses that are generated from situating thrusters near the hull as well as the effect of having a hull downstream of the thruster. Various thruster angles, hull separations, and vertical heights were investigated to determine their influence on thruster losses.

 [Boddy & Clarke A STUDY OF THE LOSSES AND INTERACTIONS BETWEEN ONE OR MORE BOW THRUSTERS AND A CATAMARAN HULL.pdf\[1\]](#)

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