

A model for confined vortex rings with elliptical-core vorticity distribution

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Applications of the models

Danaila, Ionut; **Kaplanski, Felix**; Sazhin, Sergei Vortex Ring Models 2021 / p. 141-154 https://doi.org/10.1007/978-3-030-68150-0_7
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Confined vortex rings

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Formation number of vortex rings

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Modelling and reconstruction of impulsively started flows using vortex ring models

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Modelling of confined vortex rings

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New approaches to modelling vortex rings and vortex ring-like structures

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Preface

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Steady inviscid vortex rings

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Viscous vortex rings

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Viscous vortex rings with elliptical cores

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The vortex ring problem

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