

ANNOUNCEMENTS

INFINITE ELEMENTS FOR WATER WAVE PROBLEMS

I have recently formulated an infinite element of a new type, for waves on the surface of water. This will deal with wave diffraction and refraction problems, in the same way as previous infinite elements. However it will recover important aspects of wave behaviour not modelled by previous infinite elements and will be simpler and, I believe, more accurate and economical (meshes of smaller extent will be needed).

I am looking for collaboration from industry and from academe in the U.K. or abroad for the development of this element. This could take the form of sharing the work, as I have limited resources, funding the appointment of a research assistant, secondment of a researcher to develop the element here at Newcastle, or joint

application to funding bodies. I am particularly interested in collaboration with organizations who might want to use the element to solve wave problems in industry possibly by inserting it in a commercial code.

I am open to suggestions. If you are interested please contact me.

Finally, of course, the idea may not work.

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Colour illustrations in IJNMF

Commencing in 1989 this journal will publish a limited number of colour illustrations to accompany papers where appropriate.

These illustrations will be printed as a plate section within the paper in which they appear.

Authors wishing to submit colour illustrations should refer to item 13 of the Notes to Contributors in this issue.

This new development will, we hope, enhance the presentation of the papers in question and add to the overall quality of the Journal.

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