

ITTC2024

30TH INTERNATIONAL TOWING TANK CONFERENCE
22-27 SEPTEMBER 2024 | HOBART TASMANIA AUSTRALIA

STABILITY IN WAVES

SiW

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TOR 1D: THE PRACTICAL APPLICATIONS OF COMPUTATIONAL METHODS FOR PREDICTION AND SCALING

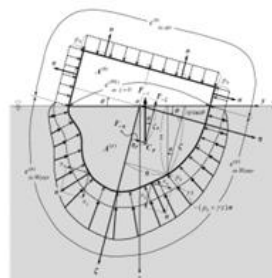
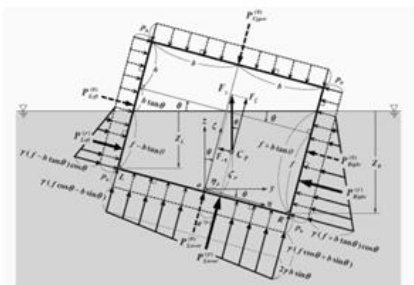
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Fundamentals

- A not so trivial question : where is apply the Archimedes force?
Archimedes doesn't gave the answered for any type of floating bodies. Application of Ostrogradski theorem is not strictly sufficient.

It is known that this point is on the earth vertical throw the buoyancy centre.

- Tsutomu Hori (gave a demonstration that it is the center of pressure for any sections)



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