

- Motion of water \implies Euler equation with boundary conditions

↓ Potential theory

Boundary integral formulation

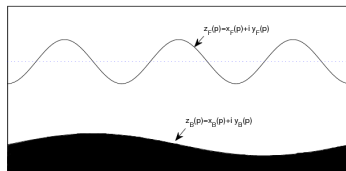


Figure: Geometry of flow with rigid bottom

- Introduction of Boundary integral method
- Numerical Implementation
- Numerical Results
 - KdV approximation will be evaluated.
 - Wave breaking
 - Random waves