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1. Hydrodynamics of Offshore structures – S.K Chakrabarti - 2001
2. Marine hydrodynamics – J.N Newmann - 1977
3. Dynamics of marine vehicles – R. Bhattacharya – 1978
4. Water waves and ship hydrodynamics – R. Timman – 1985
5. Coastal hydrodynamics – J.S. Mani - 2012
References Note: Essential notes will be given in the class 5.

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Hydrodynamics and water circulation in the New York/New Jersey Harbor: A study from the perspective of water age Yuanyi Li, Huan Feng , Haiwen Zhang, Jian Sun, D. Yuan, Lei Guo, Jing Nie, Jinglong Du

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numerical methods. The notebooks are used primarily for the numerical portion of the course.

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