Tutorial on "Modelling and Simulation of Marine System Dynamics"
Here you will find the presentations of a one-day tutorial presented by T. Perez and T.I. Fossen at the IFAC CAMS Perez, T. and T.I. Fossen (2007). Tutorial on Modelling and Simulation of Marine System Dynamics. IFAC Confer Presentations:

Module 1: Introduction Module 2: Hydrodynamics for control engineers Module 3: Rigid body dynamics Module 4