

TMR4220 – Naval Hydrodynamics, Spring 2019

Accomplishments

- Performed well in the final exam, A/A as final grade
- Reflected on course content actively in lectures and seminars
- Participated in TA sessions actively and analysed, discussed course-related contents and exercises
- Demonstrated well understanding of all sub-systems through all 9 exercises
- Mastered the propeller analysis project using lifting line theory
 - Studied the corresponding methods used to analyse the performance of a propeller
 - Formulated a systematical model of calculating the lift and drag of a 3-blade propeller
 - Assessed rake, skew and hub effect for a propeller
 - Post-analysed the simulated data using Matlab
 - Performed an impressively well in the report, 100/100 as final grade
- Overall, dedicated a self-motivated research work ethic, led to strong academic performance, anticipated to devote more in scientific researches

Recent accomplishment

- Working on master thesis of signal processing of underwater beacons for AUVs
- Aiming to applying Ph.D. program