

Homework 3 - Commutation of a p -form and a q -form

Due on Tuesday 14th april 2020, 11:59 PM

Let ω_1 be a p -form and ω_2 is a q -form.

- (i) Is it true or false that $\omega_1 \wedge \omega_2 = (-1)^{p+q} \omega_2 \wedge \omega_1$? Proove it.
- (ii) Is it true or false that $\omega_1 \wedge \omega_2 = (-1)^{p \cdot q} \omega_2 \wedge \omega_1$? Proove it.