Group MND / WS 2021

Test 1 - Electromagnetism (7P)

The following tasks consider a coreless coil with $N = 120$ turns, the radius $r = 0.02$m (or $r = 2 * 10^{-2}$m) and the length $l = 0.12$m.

Calculate the Inductivity of the coil. (3P)

Calculate the magnetic resistance R_m of the coil. (4P)