

#### HW 7\_4

1. Work problem 7.22
2. Work problem 7.23
3. Determine the Neumann formula for the self-induction of a circular coil with radius  $a$ . Use the same approach as on page 322, so first determine the flux in terms of  $B$ , then in terms of  $A$  and then substitute  $A$  with 5.66.