



Lab - Strength of Electromagnet

Steps to follow-

- 1. Press the Lab Strength of Electromagnet button.
- The camera of the phone will open after pressing the Lab Strength of Electromagnet button.
- 3. Please hold the camera on top of the image target.
- 4. An animated experimental setup with a wired coil, a power source and a key will be visible.
- 5. Number of turns of the wire can be changed with the dropdown and the value of current can be changed by a slider.
- 6. Changing the values will show the magnetic field of the electromagnet.







Fig. Screenshots from the topic "Lab – Strength of Electromagnet"

圖:「實驗:電磁鐵的磁場強度」截圖





實驗:電磁鐵的磁場強度

步驟:

- 1. 按「實驗:電磁鐵的磁場強度」按鈕。
- 2. 按「實驗:電磁鐵的磁場強度」按鈕後,手機的相機鏡頭將會打開。
- 3. 將相機放在目標圖片上。
- 4. 有線線圈、電源及鑰匙的實驗裝置動畫將於螢幕上顯示。
- 5. 線圈數量可於下拉菜單改變,電流數值可藉拉動滑動條改變。
- 6. 更改數值後,將顯示電磁鐵的磁場轉變。