

Chapter 44

Magnetism And Electromagnetism

Find the words in the grid. Words can go across, down and in the two forward diagonals.

```

D C D M X L P P K L R X M P E R M E A B I L I T Y Q E
E N R L T X D X Y C B X Q E H Y P J H J V Y B Y T R L
R L Y C M D G W C W R Y L T W K C E M F X N Y N T E E
M F E B Q T W K Z K J U D S B F T K P E L A C K R S C
L F D C C D R M B R R R N M K F N T Z L L F F N K I T
N L L L T N R C H D T R G Q D X B N X E M P K L T D R
H U X N P R N N N M U T W B F X I F R C A K Z M R U O
Q X Y Z T H O A N T F Z N V Y K G L B T G T L M I A M
P L L C K L H M E P F K T M T M N M M R N W K U G L A
H I N R X T M R A Y Z L K R S K I Z G O E L T T H M G
D N T W F J E P Q G K P G I J R T K N M T L U U T A N
P E N E P P L M M Y N K T R K N I B C A I Y R A H G E
F S L Z M K K L A D L E P V M L O J M G C J N L A N T
G L N A N Z F C L G N P T Z Z H N C P N I Y S I N E I
R Y U B T W W F P G N P Q I L R C P M E N L R N D T C
W R Q X N F Q L A O W E M F C K O T V T D F A D R I I
V W K M D C B M H F L S T N F N N M J I U K T U U S N
V X L Q Z E O P F W I E X I M K T G H C C M I C L M T
L X T T H R N P M T L F L M C M R K N I T Y O T E K E
B M N T T T G S E Z H C L P C F O F P N I Z K I W M R
B N C C T V R N I G G M R F L D L V Z D O B M O X T F
R N E K K L G M V T F Y R G D K M U G U N T X N P Q E
L L W R T A K C F Z Y J Q M T M O P X C Y K R L G T R
E C Z J M X L E N Z S L A W B X D C Q T C L N L Z M E
V J B B N G Y V Y G B T G V Y H U R Z I C R K D J J N
R Z P K Y V T N M J J F M R M K L V T O E M I J K V C
R E L U C T A N C E H L D F B R E T N N T M T L M M E
  
```

<http://jameshalderman.com>

Ampere turns

Flux lines

Permeability

CEMF

Ignition control module

Pole

Electromagnetic

Left hand rule

Relay

Electromagnetic induction

Lenz law

Reluctance

Electromagnetic interference

Magnetic flux

Residual magnetism

Electromagnetism

Magnetic induction

Right hand rule

EMI

Magnetism

Turns ratio

Flux density

Mutual induction