

Chapter 47

Magnetism And Electromagnetism

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

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

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|------------------------------|-------------------------|--------------------|
| Ampere turns | Flux lines | Permeability |
| CEMF | Ignition control module | Pole |
| Electromagnetic | Left hand rule | Relay |
| Electromagnetic induction | Lenzs law | Reluctance |
| Electromagnetic interference | Magnetic flux | Residual magnetism |
| Electromagnetism | Magnetic induction | Right hand rule |
| EMI | Magnetism | Turns ratio |
| Flux density | Mutual induction | |