

CWSF 2010 - Peterborough, Ontario



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The Induction of Magnetic Fields Through Conductors

Division: Physical & Mathematical Sciences

Category: Junior

Region: Ottawa

City: Ottawa, ON

School: Immaculata H.S.

Abstract: Velocity of any free falling objects can be controlled by means of induction and eddy currents. Storing magnetic fields temporarily in conductors, is this possible? Dropping magnets into conductors and then measuring speed, weight and sound will result 11.6 second falls versus free falling objects that take .3 seconds. Experiments have proven that magnetic fields are temporarily induced, a magnetic induction motor may be prove possible.

Biography

Born in Ottawa at the Civic Hospital on February 9 1996. Attended McMaster Elementary School and currently at Immaculate High School. Started Playing Hockey at the age of six years old and played for the Ottawa AA Sting at a competitive level and spring AAA Hockey with the Ottawa 67's . Currently playing for the school Hockey Team. Favourite hobbies are acting and dancing and Go Car racing through the summer. Nanotechnology engineer or Mutual Funds manager are the career plans for the future. Welding and fabrications of small projects in the summer time spent in Dad's shop. Highest achievements are math and music.