

Making Magnetism

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The objective of this paper is making magnetism. Magnetism is a force [1], thus it behaves like a vector. Vector is a quantity that has magnitude and direction [2]. Therefore, two magnetic forces add by rules of vector addition [3]. Thus, two magnetic forces could be added as vectors. Vectors add by similarity of direction as described in [3].

The above phenomenon could be observed in [4]. When a magnet is moved back and forth near a conductor, addition of magnetic fields of conductor and magnet results in production of electricity as described in [4].

The conclusion of this paper is that magnetism could be produced by the principle of vector addition as described in the above two paragraphs.

References

1. Source - <https://www.britannica.com/science/magnet>
2. Source - <https://web.stanford.edu/group/sisl/k12/optimization/MO-unit1-pdfs/1.2vectors.pdf>
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