

Units & Vectors Course Notes

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1 Introduction

2 Units

Physics describes the world in *units*. A *unit* is a standard by which we compare everything else. What does 3 meters mean? Meters is the unit, of length, so 3 meters means three of whatever the standard for ‘1 meter’ is.

2.1 Reference Frames

2.2 Systems of Units

2.2.1 SI

2.2.2 Other systems

3 Vectors

3.1 Magnitude

3.2 Direction

4 Conclusion