

# TITLE

YOUR NAME

ABSTRACT. This a basic L<sup>A</sup>T<sub>E</sub>X template for use with pdflatex and bibtex.

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## 1. INTRODUCTION

Text

$$a^n + b^n = c^n$$

We will prove Conjecture 1.1 to get Theorem 1.2 and Example 1.3 using Equation 1.1.

$$(1.1) \quad a^2 + b^2 = c^2$$

$$(1.2) \quad a^n + b^n = c^n.$$

Itemized list:

- List item

Enumerated list:

- (1) List item

CONJECTURE 1.1 (Name of conjecture by [Ben01, Conjecture 1]). Interesting conjecture

THEOREM 1.2 (Name of theorem by [WR94, Theorem 1]). *Interesting theorem*

### 1.1. Examples.

EXAMPLE 1.3 (Name of example). Interesting example

*Remark* 1.4. Interesting remark

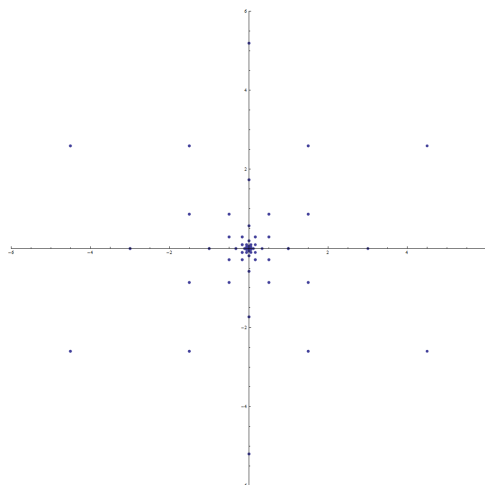


FIGURE 1. Some circular units.

## UNNUMBERED SECTION

Here is Figure 1:  
and a random diagram:

$$\begin{array}{ccccc}
 A & \xrightarrow{a} & B & \xrightarrow{b} & C \\
 f \uparrow & & \downarrow g & & \downarrow h \\
 D & \xrightarrow{c} & E & \xrightarrow{d} & F
 \end{array}$$

## REFERENCES

- [Ben01] Robert L. Benedetto. An elementary product identity in polynomial dynamics. *Amer. Math. Monthly*, 108(9):860–864, 2001.
- [WR94] Ralph Walde and Paula Russo. Rational periodic points of the quadratic function  $Q_c(x) = x^2 + c$ . *Amer. Math. Monthly*, 101(4):318–331, 1994.

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