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01.01.2000

This is a quote

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*By this guy*

#### **Abstract**

This is an abstract

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# 1 Introduction

This is a reference to the Introduction<sup>1</sup>  
This is the verbatim enviroment  
This is the listings enviroment

## Math

$$g = 9.81 \text{ m/s}^2$$

## Algorithm package

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**Algorithm 1** Euler-Cromer

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```
1: procedure EULERCROMER( $p, v, p v, m, n$ )  
2:   for  $i \leftarrow 0, \dots, n - 1$  do  
3:      $acc \leftarrow \text{ACCELERATION}(p, v_i, m, i, n, dt)$   
4:      $v \leftarrow v_i + acc$   
5:      $p \leftarrow p_i$   
6:   end for  
7: end procedure
```

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## Include graphics



Figure 1: This is a figure-caption

This is a referencel to a figure.

## Footnotes

This is a text with a footnote<sup>1</sup>

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<sup>1</sup>This is a footnote

