## Constants

- **i**: imaginary unit (also denoted `j`): defined as $i^2 = -1$.
- **0**: zero: nothing or nil.
- **γ**: Euler’s constant (approximately 0.57721): the limit of
  \[
  \sum_{r=1}^{n} \frac{1}{r} - \ln n
  \]
  as $n \to \infty$.
- **1**: one: single entity, unity.
- **ζ(3)**: Apéry’s constant (approximately 1.2020569): a special value of the Riemann zeta function.
- **λ**: Conway’s constant (approximately 1.30357): the invariant growth rate of all derived strings.
- **√2**: Pythagoras’ constant (approximately 1.41421): the square root of 2.
- **φ**: golden ratio (approximately 1.61803): the ratio $\frac{1+\sqrt{5}}{2}$.
- **e**: Euler’s number (approximately 2.71828): base of natural logarithms.
- **π**: pi (approximately 3.14159): the ratio of the length of the circumference of a circle to its diameter.