

clampToZero()

Replaces the components of a **p5.Vector** that are very close to zero with zero.

In computers, handling numbers with decimals can give slightly imprecise answers due to the way those numbers are represented. This can make it hard to check if a number is zero, as it may be close but not exactly zero. This method rounds very close numbers to zero to make those checks easier

https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Number/EPSILON

Returns

p5.Vector: with components very close to zero replaced with zero.

This page is generated from the comments in **src/math/p5.Vector.js** . Please feel free to edit it and submit a pull request!

Related References

add

Adds to a vector's x, y, and z components.

angleBetween

Calculates the angle between two vectors.

array

Returns the vector's components as an array of numbers.

clampToZero

Replaces the components of a p5.Vector that are very close to zero with zero.

