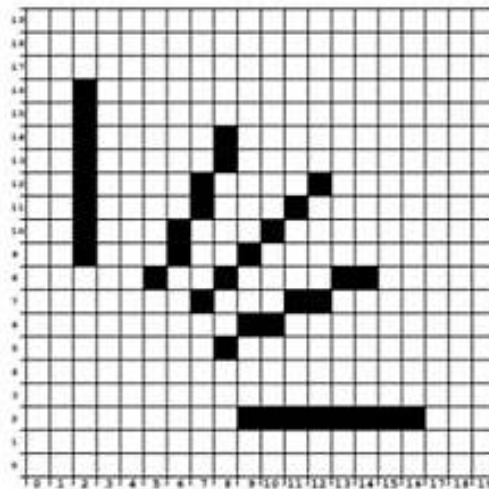


# Applications Of Linear Algebra In Computer Science

## Computer Graphics

- In computer graphics every element is represented by a MATRIX.



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### **MATHEMATICS University Of Washington**

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**Basic Linear Algebra Subprograms Wikipedia**

Basic Linear Algebra Subprograms (BLAS) is a specification that prescribes a set of low-level routines for performing common linear algebra operations such as vector addition, scalar multiplication, dot products, linear combinations, and matrix multiplication. They are the de facto standard low-level routines for linear algebra libraries; the routines have bindings for both C and Fortran.

**Algebra Mathematics Britannicacom**

Algebra: Algebra, branch of mathematics in which arithmetical operations and formal manipulations are applied to abstract symbols rather than specific numbers. The notion that there exists such a distinct subdiscipline of mathematics, as well as the term algebra to denote it, resulted from a slow historical

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