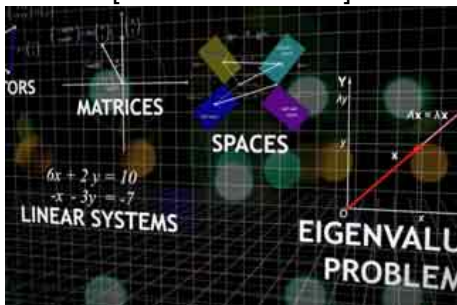


Linear algebra is a marvelous tool but it is also a gateway drug into higher mathematics, where it is basically the lingua franca.

It's a prerequisite to just about any serious attempt to understand a mathematical situation. It is important partly because it is the science of the only types of equations that we know how to solve easily. The bulk of mathematical research consists in reducing situations of interest to known statements in either combinatorics or linear algebra. Like any good tool, linear algebra can be put to an incredible variety of uses.

[Sam Lichtenstein]



I've seen many computer scientists, programmers, implementers and solvers of real-world problems reading mathematics books. But here's the thing about what book they're reading. It is always linear algebra. [Lors Soren]

