Week 3 Readings and Resources

# Readings

* Linear algebra text, Chapter E
* Lecture Notes

# Resources

* Khan Academy: [Introduction to eigenvalues and eigenvectors](https://www.khanacademy.org/math/linear-algebra/alternate-bases/eigen-everything/v/linear-algebra-introduction-to-eigenvalues-and-eigenvectors)
* Khan Academy: [Proof of formula for determining eigenvalues](https://www.khanacademy.org/math/linear-algebra/alternate-bases/eigen-everything/v/linear-algebra-proof-of-formula-for-determining-eigenvalues)
* Khan Academy: [Example solving for the eigenvalues of a 2x2 matrix](https://www.khanacademy.org/math/linear-algebra/alternate-bases/eigen-everything/v/linear-algebra-example-solving-for-the-eigenvalues-of-a-2x2-matrix)
* Khan Academy: [Finding eigenvectors and eigenspaces example](https://www.khanacademy.org/math/linear-algebra/alternate-bases/eigen-everything/v/linear-algebra-finding-eigenvectors-and-eigenspaces-example)
* Khan Academy: [Eigenvalues of a 3x3 matrix](https://www.khanacademy.org/math/linear-algebra/alternate-bases/eigen-everything/v/linear-algebra-eigenvalues-of-a-3x3-matrix)
* Khan Academy: [Showing that an eigenbasis makes for good coordinate systems](https://www.khanacademy.org/math/linear-algebra/alternate-bases/eigen-everything/v/linear-algebra-showing-that-an-eigenbasis-makes-for-good-coordinate-systems)

# Meetup Recording

* No Meetup