1 video:

1a hands on

[mit compsci intro (in python)](#)------- [stanford programming methodology (in java)](#)

[stanford programming abstractions in c++](#)-------[stanford programming paradigms](#)

[stanford principles of computer systems](#)-------[mit performance engineering of software systems](#)

1b theory

[mit computation structures](#)-------[mit algo-intro](#)-------[mit design and analysis of algorithms](#)

[mit automata computability and complexity](#)-------[mit ai](#)-------[mit advanced data structures](#)

[stanford physics](#)-------[stanford fourier theory](#)

2 notes:

2a repositories of courses:

[cambridge math](#)-------[(mostly) compsci drives from universities in Israel](#)

2b individual courses:

[discrete differential geometry](#)-------[error correcting codes](#)-------[intro to analytic number theory](#)

[rational lattices and their theta functions](#)-------[combinatorial designs and groups](#)

[computational techniques in number theory and algebraic geometry](#)-------[quantum computing](#)

[great ideas in theoretical compsci](#)