video

hands on

<u>mit compsci intro (in python)</u> <u>stanford programming methodology (in java)</u>

stanford programming abstractions in c++ stanford programming paradigms

stanford principles of computer systems mit performance engineering of software systems

intro to machine learning for coders

theory

mit computation structuresmit algo intromit design and analysis of algorithmsmit automata computability and complexitymit aimit advanced data structuresstanford physicsstanford fourier theory

notes

repositories of notes

Chua's (math) Milne's (math) Merry's (math) Dolgachev's (math)

Kuang's (math) (mostly) compsci drives from universities in Israel

individual notes

discrete differential geometry concise alg topology complex dynamics

<u>error correcting codes</u> <u>combinatorial designs and groups</u> <u>combi</u>

rational lattices and their theta functions intro to analytic number theory

computational techniques in num theory & alg geometry quantum computing

<u>klein quartic</u> <u>great ideas in theoretical compsci</u> <u>ext & tor</u>

von neumann algebras intro to alg geometry commutative algebra

topics in several complex variables elliptic curves intro to dif geometry

geometry of manifolds theory of differential forms intro to lie algebras

intro to lie groups randomized algo alg combi grad number theory

cohomological class field theory