video

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

intro to machine learning for coders

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

notes

repositories of notes

Chua's (math) Milne'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

error correcting codes combinatorial designs and groups combi

rational lattices and their theta functions intro to analytic number theory

computational techniques in num theory & alg geometry quantum computing

klein quartic great ideas in theoretical compsci ext & tor

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

stochastic calculus cohomological class field theory advanced probability

mixing times of markov chains schramm-loewner alg geometry