

## Essential Readings 2

- Wiki pages for all items mentioned in the slides, including various classic logics, SAT solving, SMT solving, CSP, phase transition etc.
- Lintao Zhang, SAT course slides.
- Yi Zhou, SAT phase transition slides
- Davis, Martin; Logemann, George; Loveland, Donald (1962). "A Machine Program for Theorem Proving". *Communications of the ACM*. 5 (7): 394–397.
- Matthew W. Moskewicz, Conor F. Madigan, Ying Zhao, Lintao Zhang, Sharad Malik: Chaff: Engineering an Efficient SAT Solver. *DAC 2001*: 530-535
- Z3 page: <https://z3.codeplex.com/>
- Nieuwenhuis, R.; Oliveras, A.; Tinelli, C. (2006), "Solving SAT and SAT Modulo Theories: From an Abstract Davis-Putnam-Logemann-Loveland Procedure to DPLL(T)", *Journal of the ACM* (PDF), 53 (6), pp. 937–977.