Z3++

https://z3-plus-plus.github.io/

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QF_BV:

      Off-the-shelf SAT solvers;
      Word-level and bit-level rewriting rules

QF_LIA, QF_IDL, QF_NIA:

      A local search solver dedicated for integer arithmetic logic

QF_NRA:

      A feasible region consistency checker;
      Sample-cell projection in NLSAT