

Vampire 4.4-SMT

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Features

- Superposition based First Order Resolution Prover
- Finite Model Finding
- Inst-gen
- Redundancy elimination
- Splitting via AVATAR
- Sine axiom selection
- Induction
- CASC since 1999

SMT Related Features

- SMT Logics: A, DT, LIA, LRA, NIA, NRA, UF
- Single Queries
- SMT since 2016
- Theory axioms
- AVATAR modulo theories (ground splitting via Z3)
- Unification with abstraction
- Theory instantiation

`https://vprover.github.io`

`https://github.com/vprover/vampire`