

SSAT & CLIQUE (n vialles; (G, M) named in classes) w/ Constraint on varies m clauses) . No edge between opposite literals (opposite assistment of the save vanible) · up there conneces with a clouses CLIQUE Sp Intopular Set Ship the connectivity of G. 3-SAT Sp Hamiltonian Path (directal) (g(aba () 3-SAT Sp NAE 3-SAT $\begin{array}{c} (X_{i} \vee X_{j} \vee X_{k}) \rightarrow (X_{i} \vee X_{j} \vee C_{i}) \wedge (X_{k} \vee C_{i} \vee Z) \\ \xrightarrow{Sakshidle} \quad \Longrightarrow \quad \text{(et } Z = \text{false } (\cdot \leftarrow i \text{ } Z = \text{false}, \text{ } \text{stay the Save}. \end{array}$

