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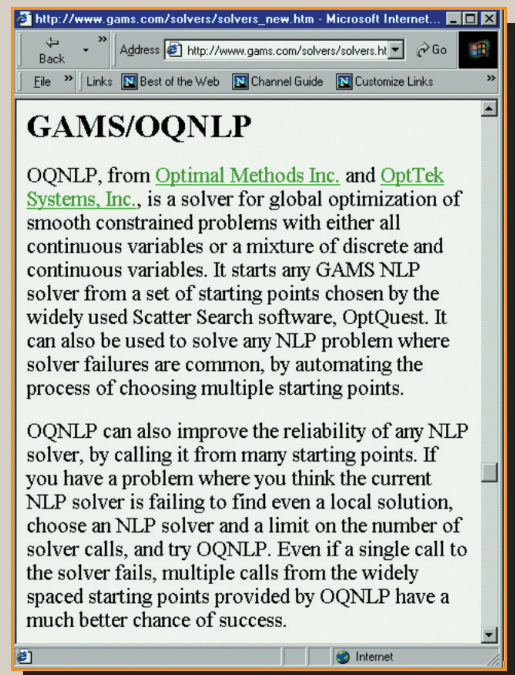
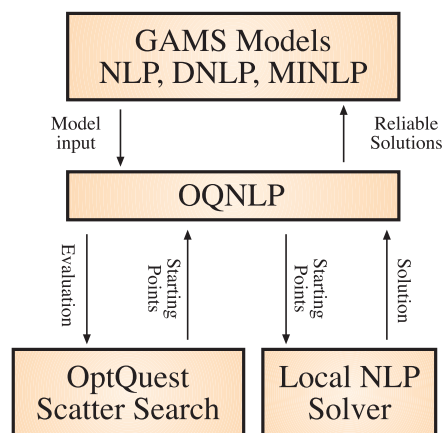
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Multi-Start Solver OQNLP

High performance and reliability of solvers are the result of technological and theoretical advances in both, solution technology and modeling systems.

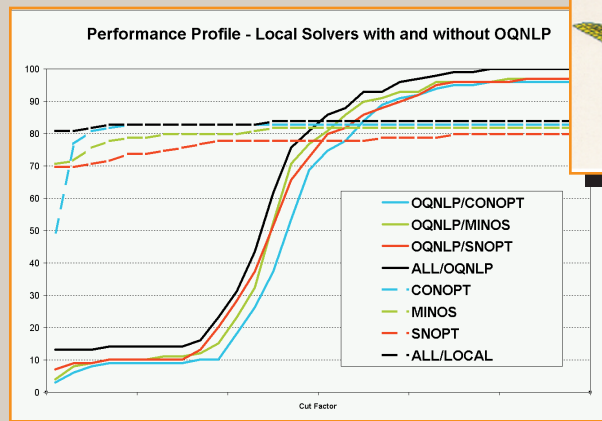
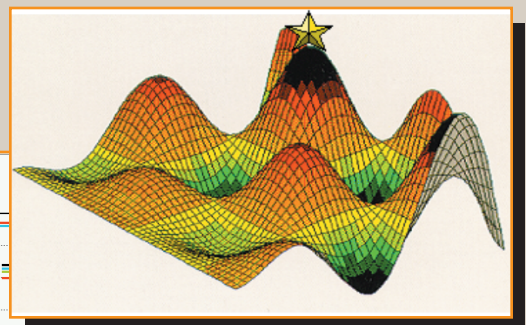
OQNLP is a multi-start heuristic algorithm designed to find global optima of smooth constrained nonlinear programs (NLPs) and mixed integer nonlinear programs (MINLPs).

OptQuest NLP



Advantages of OQNLP:

- Improves reliability of any NLP solver by starting it from different points
- Can be applied to large scale problems
- Uses existing GAMS NLP solvers



The graph illustrates how OQNLP greatly increases our ability to find the best solutions. The known fact that multiple NLP solvers improve reliability also holds when used in conjunction with OQNLP.