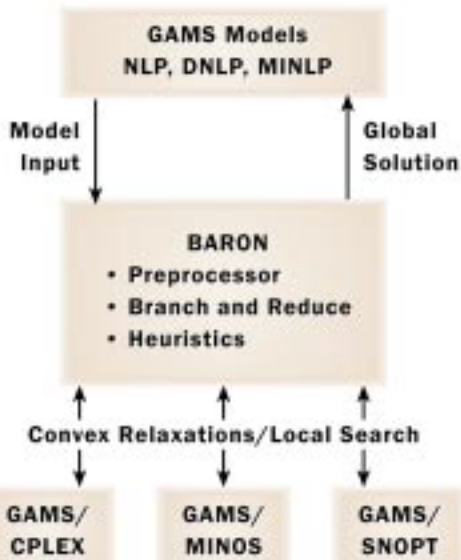


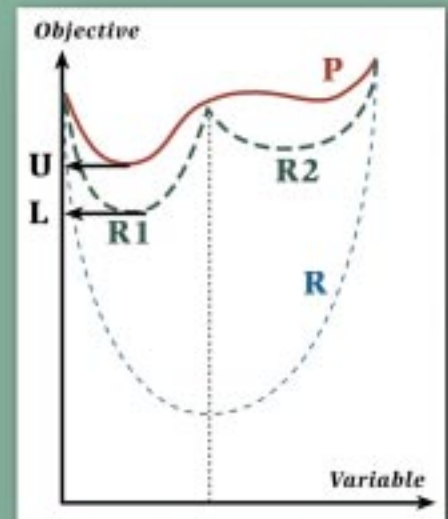
GAMS/BARON

GAMS

Branch And Reduce Optimization Navigator



GAMS/BARON (Branch And Reduce Optimization Navigator) is a computational system for solving nonconvex optimization problems to global optimality. Purely continuous, purely integer, and mixed-integer nonlinear problems can be solved with the software.



BARON combines constraint propagation, interval analysis, and duality for efficient range reduction while rigorous relaxations are constructed by enlarging the feasible region and/or underestimating the objective function.

Important Application Areas for Global Optimization:

- Engineering Design
- Finance
- Molecular Design

