

general linear constraints
armijo-type descent methods partially separable problems
nonlinear approximation broyden class updates
minimax optimization **sparse problems**
indefinite preconditioners discrete newton methods
trust region methods nonlinear least squares
large-scale optimization equality constraints numerical methods
optimization theory algoritmy krylov subspaces
nonsmooth optimization algorithms bundle methods
kkt systems

unconstrained optimization

nonlinear programming residual smoothing numerical optimization

variable metric methods

large sparse systems
nelineární aproximace

optimization global convergence

indefinite systems modified newton methods

interior point methods

computational experiments test problems quasi-newton methods

conjugate gradients
nonsmooth minimization

limited-memory methods

nonlinear equations unconstrained minimization
numerická optimalizace complementarity constraints
conjugate directions

numerical results

software systems large scale optimization
conjugate gradient-type methods
preconditioned conjugate gradient method
nondifferentiable minimization