

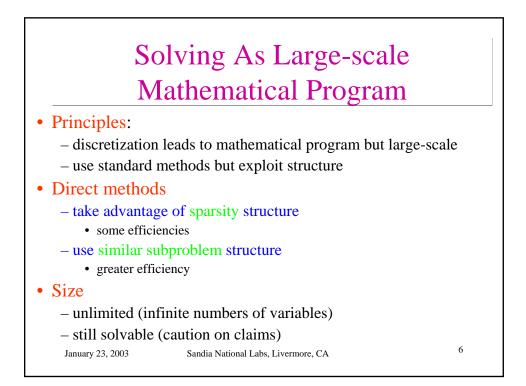
## Outline

- General Model Observations
- Overview of approaches
- Factorization/sparsity (interior point/barrier)
- Decomposition
- Lagrangian methods
- Conclusions

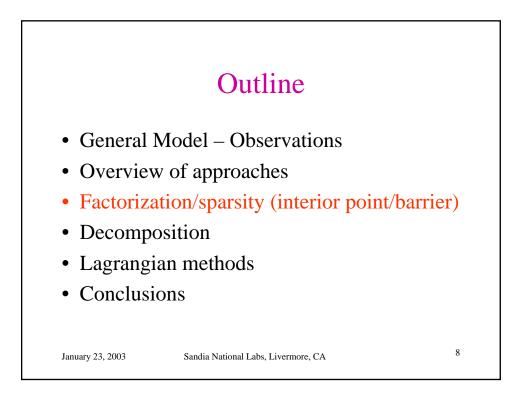
January 23, 2003

Sandia National Labs, Livermore, CA

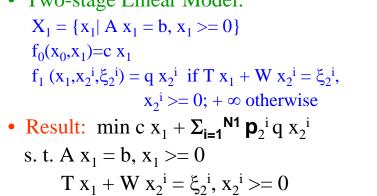
5





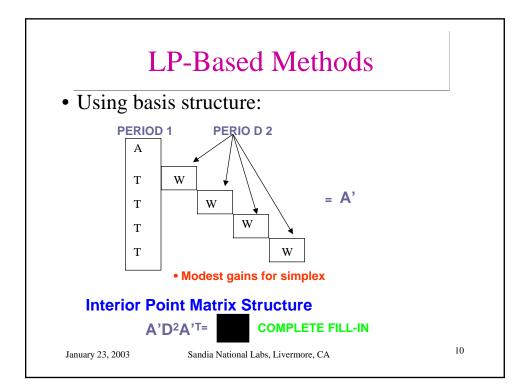


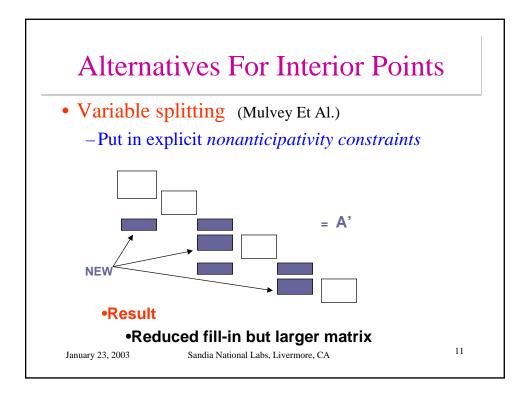


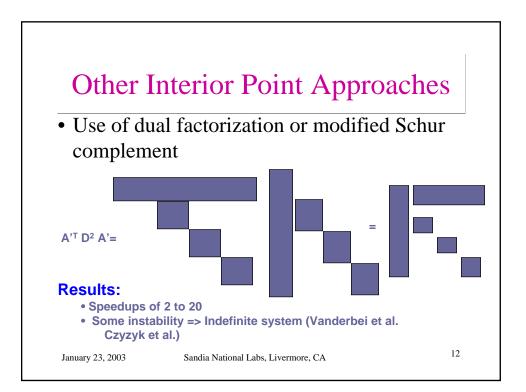




Sandia National Labs, Livermore, CA







## Outline

- General Model Observations
- Overview of approaches
- Factorization/sparsity (interior point/barrier)
- Decomposition
- Lagrangian methods
- Conclusions

Theme: taking advantage of repeated problem structure can yield significant computational savings.

January 23, 2003

Sandia National Labs, Livermore, CA



