









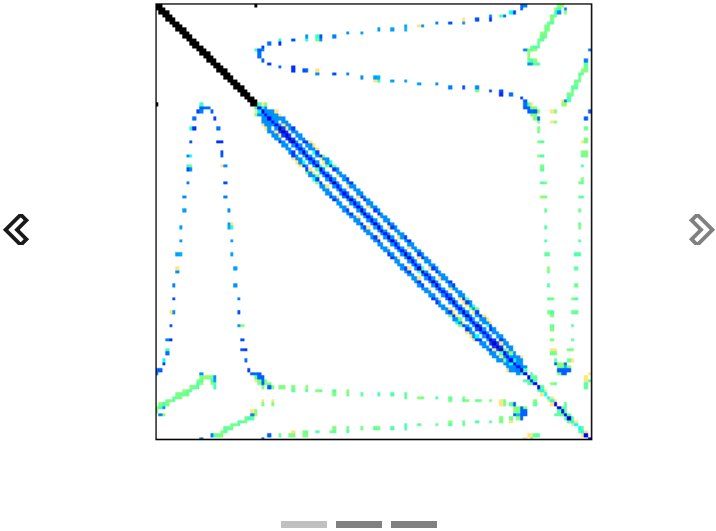
HB/bcsstk24


SYMMETRIC STIFFNESS MATRIX - WINTER SPORTS ARENA

Name	bcsstk24
Group	<a href="#">HB</a>
Matrix ID	46
Num Rows 	3,562
Num Cols 	3,562
Nonzeros 	159,910
Pattern Entries 	159,910
Kind 	Structural Problem
Symmetric 	Yes
Date 	1984
Author 	J. Lewis


Editor 


I. Duff, R. Grimes, J. Lewis




Structural Rank	3,562	SVD Statistics	
Structural Rank Full	true	Matrix Norm	3.069198e+13
Num Dmperm Blocks <a href="#">?</a>	1	Minimum Singular Value	1.574611e+02
Strongly Connect Components <a href="#">?</a>	1	Condition Number	1.949178e+11
Num Explicit Zeros <a href="#">?</a>	0	Rank	3,562
Pattern Symmetry <a href="#">?</a>	100%	sprank(A)-rank(A)	0
Numeric Symmetry <a href="#">?</a>	100%	Null Space Dimension	0
Cholesky Candidate <a href="#">?</a>	yes	Full Numerical Rank?	yes
Positive Definite <a href="#">?</a>	yes	Download Singular Values	<div>MATLAB </div>
Type <a href="#">?</a>	real		

Download

MATLAB 

Rutherford Boeing 

Matrix Market 

Notes