Grupo de Investigación SINGACOM
Universidad de Valladolid

Seminario de Matemática Discreta (MD)

Conferencia para el Viernes 10 de diciembre de 2010 a las 12:30h.

Charles R. Johnson.
College of William and Mary, Williamsburg, Va USA.

Sparsity Analysis of Q-R Factorization.

Resumen:

A complete combinatorial/graph theoretic answer is given to the following question. Some of the ideas may transfer to other problems. Given only the nonzero pattern of an m-by-n matrix A with full column rank, which entries of Q and which entries of R in its QR factorization must be 0 and which may be nonzero? Recall that the QR factorization, R is upper triangular and Q has orthonormal columns.

Lugar: Aula Alan Turing.
Edificio de Tecnologías de la Información y las Telecomunicaciones (ETIT).

Información sobre próximas conferencias está disponible en:
http://www.singacom.uva.es

Organizador: Carlos Marijuán.