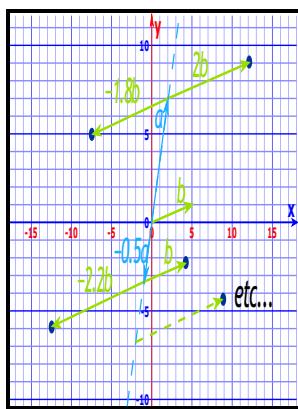


# On computing the rank function for a set of vectors

Dept. of Computer Science, University of Illinois at Urbana-Champaign - Basis Vectors in Linear Algebra



Description: -

- Electric power.
- Electric power systems.
- Kütt, Alex, 1921-
- Maxima and minima -- Data processing.
- Vector algebra -- Data processing.
- On computing the rank function for a set of vectors

- Das wissenschaftliche Taschenbuch. Abt. Rechts- und Staatswissenschaft; Reihe 39  
McGraw-Hill electrical engineering series  
[Report] - UIUCDCS-R-75 ; 699On computing the rank function for a set of vectors

Notes: Includes bibliographical references.

This edition was published in 1975



Filesize: 70.103 MB

Tags: #sorting

**sorting**

This is usually faster for knapsack-type lattices. Other Properties The rank can't be larger than the smallest dimension of the matrix.

**18673202**

The library syntax is GEN mateigen GEN x, long flag, long prec. In general, the columns of the result form a basis of the lattice spanned by the columns of x.

**Generalized eigenvector**

A great example where mathematics can tell us something that we can't easily imagine. Our first choice, however, is the simplest. What I mean here is in the previous example though the basis vectors were v1 1, 0 and v2 0, 1 there were only 2 vectors.

**Matrix Rank**

Computations involving Gram-Schmidt vectors are approximate, with precision varying as needed Lehmer's trick, as generalized by Schnorr.

**Linear Algebra basics**

The matrix U belongs to GL R. The library syntax is GEN matpermanent GEN x. Using transpositions, one can concatenate them vertically, but it is often simpler to use.

**Generalized eigenvector**

} This is a special case of the next inequality. Computations involving Gram-Schmidt vectors are approximate, with precision varying as needed Lehmer's trick, as generalized by Schnorr.

## Basis Vectors in Linear Algebra

Unfortunately, it is a little difficult to construct an interesting example of low order.

## Related Books

- [Closing the productivity gap - a comparison of Northern Ireland, the Republic of Ireland, Britain, a](#)
- [Task Maths](#)
- [Cooperative research and development agreements \(CRADAs\) - transferring federal technologies to the](#)
- [Tendering - an applied science](#)
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