

SF1672 – Ordlista

adjoint matrix <i>adjungerad matris</i>	linear equation <i>linjär ekvation</i>
angle <i>vinkel</i>	linear combination <i>linjärkombination</i>
augmented matrix <i>totalmatris</i>	linearly dependent <i>linjärt beroende</i>
change of basis <i>basbyte</i>	linearly independent <i>linjärt oberoende</i>
change of variables <i>variabelbyte</i>	linear relation <i>linjär relation</i>
characteristic polynomial <i>karakters-</i> <i>tiskt polynom</i>	linear subspace <i>delrum</i>
coefficient <i>koefficient</i>	linear system of equations <i>linjärt ek-</i> <i>vationssystem</i>
cofactor <i>kofaktor</i>	linear transformation <i>linjär avbildning</i>
column <i>kolonn, kolumn</i>	lower triangular matrix <i>undertrian-</i> <i>gulär matris</i>
column space <i>kolonnrum</i>	matrix <i>matris</i>
consistent <i>lösbar</i>	matrix equation <i>matrisekvation</i>
coordinate <i>koordinat</i>	matrix transformation <i>matristransfor-</i> <i>mation</i>
Cramer's rule <i>Cramers regel</i>	multiplicity <i>multiplicitet</i>
cross product <i>kryssprodukt</i>	negative-definite <i>negativt definit</i>
Cauchy-Schwarz inequality <i>Cauchy-</i> <i>Schwarz olikhet</i>	norm <i>norm, längd</i>
determinant <i>determinanten</i>	normal equation <i>normalekvation</i>
diagonalizable <i>diagonaliserbar</i>	normal vector <i>normalvektor</i>
diagonalization <i>diagonalisering</i>	null space <i>nollrum</i>
direction vector <i>riktningsvektor</i>	orthogonal <i>ortogonal</i>
distance <i>avstånd</i>	orthogonal complement <i>ortogonal</i> <i>komplement</i>
echelon matrix <i>trappstegsmatris, trapp-</i> <i>matris</i>	orthogonal basis <i>ortogonal bas</i>
eigenvalue <i>egenvärde</i>	orthogonally diagonalizable <i>ortog-</i> <i>onalt diagonaliserbar</i>
eigenvector <i>egenvektor</i>	orthonormal basis <i>ortonormerad bas</i>
eigenspace <i>egenrum</i>	parallelogram <i>parallellogram</i>
element <i>element</i>	parallelepiped <i>parallelepiped</i>
elementary matrix <i>elementärmatris</i>	pivot <i>pivot, pivå</i>
equivalent <i>ekvivalent</i>	plane <i>plan</i>
finite dimensional <i>ändligt-</i> <i>dimensionell</i>	polynomial <i>polynom</i>
Gaussian elimination <i>Gausselimina-</i> <i>tion</i>	positive-definite <i>positivt definit</i>
Gram-Schmidt process <i>Gram-</i> <i>Schmidts ortogonaliseringsprocess</i>	projection <i>projektion</i>
homogenous <i>homogen</i>	quadratic form <i>kvadratisk form</i>
inconsistent <i>olösbar</i>	rank <i>rangen</i>
indefinite <i>indefinit</i>	reduced echelon matrix <i>reducerad</i> <i>trappstegsmatris</i>
infinite dimensional <i>oändligt-</i> <i>dimensionell</i>	real <i>reell</i>
inhomogeneous <i>inhomogen</i>	regression line <i>regressionslinje</i>
inner product space <i>inre produktrum</i>	right-handed <i>högerorienterad</i>
invertible <i>inverterbar</i>	rotation <i>rotation</i>
inverse <i>inversen</i>	row <i>rad</i>
least-squares method <i>minstakvadrat-</i> <i>metoden</i>	row equivalent <i>radekvivalent</i>
least-squares solution <i>minstak-</i> <i>vadratlösning</i>	row space <i>radrummet</i>
line <i>linje</i>	scalar <i>skalär</i>
	scalar product, inner product <i>skalär</i> <i>produkt, inre produkt</i>
	shear <i>skjuvning</i>

singular	<i>singulär</i>	triangular matrix	<i>triangulär matris</i>
solution	<i>lösning</i>	trivial solution	<i>triviala lösningen</i>
solution set	<i>lösningsmängd</i>	type	<i>typ</i>
span	<i>linjära höljet</i>	unit vector	<i>enhetsvektor</i>
Spectral Theorem	<i>Spektralsatsen</i>	upper triangular matrix	<i>övertriangulär matris</i>
spectral decomposition	<i>spektraluppdelning</i>	variable	<i>variabel</i>
standard basis vector	<i>standardbasvektor</i>	vector	<i>vektor</i>
theorem	<i>sats</i>	vector equation	<i>vektorekvation</i>
triangle inequality	<i>triangelolikhet</i>		