

Memo Maple

Objets	Programmation	Nombres	Polynômes/fractions	Algèbre linéaire
evalb	proc .. local .. end	integer ifactor, isprime iquo, irem, mod even, odd	factor, expand collect coeff, coeffs	<u>LinearAlgebra</u> Matrix Vector DiagonalMatrix Column Row Transpose Nullspace Determinant CharacteristicPolynomial Eigenvalues Eigenvectors JordanForm GramSchmidt Norm Dotproduct, Crossproduct
op, nops, subsop	if .. then .. elif .. fi for .. from .. to .. do .. od while .. do .. od	real evalf floor, round, trunc	quo, rem	
array seq	sum product \$	complex evalc Im, Re polar	convert(..,parfrac)	
sort map whattype		assume about		

Simplifier/résoudre	Expressions/functions	Equation différentielle	Dessin
expand, combine normal convert simplify radnormal, rationalize solve allvalues	subs unapply, -> diff(.,t\$4) D@@4 int <u>IntegrationTools</u> Change limit series, taylor, asympt convert(..,polynom) piecewise	<u>DEtools</u> diff dsolve dpsolve explicit,numeric assign subs DEplot arrows	<u>plots</u> plot polarplot implicitplot complexplot plot3d spacecurve implicitplot3d display grid, scaling, coords... discont=true