

```

> restart; with(DEtools);
[AreSimilar, DENormal, DEplot, DEplot3d, DEplot_polygon, DFactor, DFactorLCLM,
DFactorsols, Dchangevar, FunctionDecomposition, GCRD, Gosper, Heunsols,
Homomorphisms, IVPsol, IsHyperexponential, LCLM, MeijerGsols,
MultiplicativeDecomposition, ODEInvariants, PDEchangecoords, PolynomialNormalForm,
RationalCanonicalForm, ReduceHyperexp, RiemannPsols, Xchange, Xcommutator, Xgauge,
Zeilberger, abelsol, adjoint, autonomous, bernoullisol, buildsol, buildsym, canoni, caseplot,
casesplit, checkrank, chinisol, clairautsol, constcoeffsols, convertAlg, convertsys,
dalembertsol, dcoeffs, de2diffop, dfieldplot, diff_table, diffop2de, dperiodic_sols, dpolyform,
dsubs, eigenring, endomorphism_charpoly, equinv, eta_k, eulersols, exactsol, expsols,
exterior_power, firint, firtest, formal_sol, gen_exp, generate_ic, genhomosol, gensys,
hamilton_eqs, hypergeomsols, hyperode, indicialeq, infgen, initialdata, integrate_sols,
intfactor, invariants, kovacicols, leftdivision, liesol, line_int, linearsol, matrixDE,
matrix_riccati, maxdimsystems, moser_reduce, muchange, mult, mutest, newton_polygon,
normalG2, ode_int_y, ode_y1, odeadvisor, odepde, parametricsol, particularsol,
phaseportrait, poincare, polysols, power_equivalent, rational_equivalent, ratsols, redode,
reduceOrder, reduce_order, regular_parts, regularsp, remove_RootOf, riccati_system,
riccatisol, rifread, rifsimp, rightdivision, rtaylor, separablesol, singularities, solve_group,
super_reduce, symgen, symmetric_power, symmetric_product, symtest, transinv, translate,
untranslate, varparam, zoom]

```

```

>
> lambda := 1; mu := 0; nu := 1;
                                λ := 1
                                μ := 0
                                ν := 1

```

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>
> deInHom := diff(y(t), t) = lambda·y(t)·y(t) + mu·y(t) - nu
                                deInHom :=  $\frac{d}{dt} y(t) = y(t)^2 - 1$ 

```

```

>
> DEplot(deInHom, y(t), t=0..4, y=-2..2, arrows = large)

```

