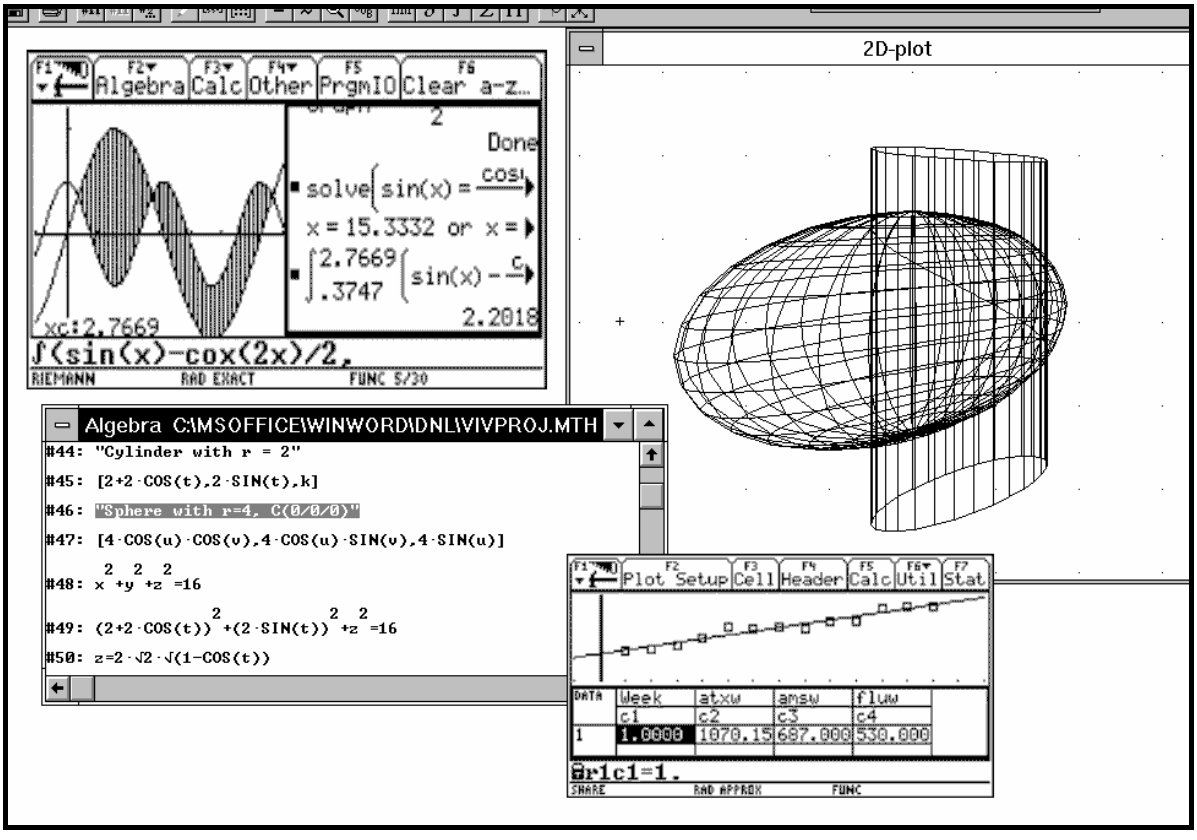
International

DERIVE USER GROUP

+ CAS-TI

founded 1991



Combine the powers of *DERIVE* and the CAS-*TI*

Join the world wide community of *DERIVE* and symbolic*TI* enthusiasts

About the *DERIVE* User Group

The *DERIVE* User Group was founded in 1991. The DUG now consists of more than 400 members from all over the world. The DUG publishes the *DERIVE*-Newsletter four times a year and organizes local User Group meetings.

Each *DERIVE* Newsletter has 46 pages minimum (40 pages 1995 and 34 pages before), with information about how *DERIVE* and the symbolic TIs (89/92/92+/Voyage/NspireCAS) are being used and useful hints for working with the program and the TIs.

Fill in the application form and become a member of the DUG. All back issues of the *DERIVE* Newsletter may be ordered. Find some highlights of the past on the back of the application form.

DERIVE Newsletter Contributions

The goals of the *DERIVE* Newsletter are to enable the exchange of experiences with *DERIVE* and the TI-family as well as to create a group to discuss the possibilities of new methodological and didactic manners in teaching mathematics.

Please send all *DERIVE* Newsletter contributions to the DUG. Contributions will be edited but not assessed. By submitting articles the author gives her/his consent for reprinting in the *DERIVE* Newsletter

Conferences and Meetings:

2nd German DUG Meeting: April 14,1995
DERIVE Days Düsseldorf: April 19-21, 1995
International DERIVE Symposium Honolulu, July 30- August 3, 1995
1st US DUG Meeting Houston: November 19, 1995
2nd International DERIVE & TI-92 Conference Bonn: July 2-6, 1996
International DERIVE & TI-92 Symposium Saeroe, Sweden, August 1997
3rd US DUG Meeting Chicago, November 9, 1997
International DERIVE & TI-92 Conference Gettysburg, July 1998
ACDCA - DERIVE & TI-92 Summer Academy Gösing, Austria, August 1999
International DERIVE Conference Liverpool, England, July 2000
Int´l ACDCA + DERIVE & TI-92 Symposium Vienna, Austria, July 2002
TIME-2004, Montréal, Canada, July 2004
DES-TIME-2006, Dresden, Germany
TIME 2008, Buffelspoort, South Africa
TIME 2010, Malaga, Spain

Application for Membership

Fill in and send to the following address (or by e-mail):

DERIVE User Group
Josef Böhm
A-3042 Würmla
D´Lust 1 *e-mail: nojo.boehm@pgv.at*
AUSTRIA (Europe) *phone ++43 2275 8207*

Name: .....

Institution: .....

Street: .....

Zip/Post Code: ..... City: ....

Country: .....

email: .....

There is no membership fee from 2004 on.

All *DERIVE* Newsletters of 2004 and following years (DNL#53 - #72) can be downloaded from this website. All DUG-members will be informed by e-mail about publication date. (Usually end of March, June, September and December).

All back copies are available in printed form and can be ordered on request.

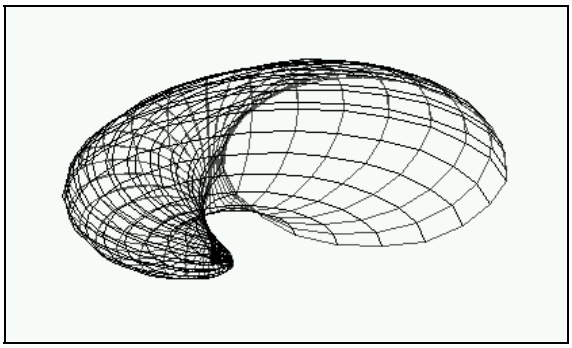
Revised versions of the first DNLs will be published regularly.
DNL#1 – #19 can be downloaded.

For more information send an email to nojo.boehm@pgv.at

Some Highlights from earlier DNLs (1991 – 1998):

DERIVE User Forum; Financial Mathematics; Mr Setif´s Treasure Box; Logic with *DERIVE*; Riemann at Random; MAURER Roses; Rational Collocation; True Riemann Rectangles; Triangle of Pascal; From the Binomial Distribution to the Normal Distribution; Lexicon of Curves; Newton-Raphson´s Chaos; Titbits in Algebra and Number Theory; Game of Life; Los Desplazamientos en las funciones elementales; Algebraic operations on Polynomials; Discussion of a curve - one function; *DERIVE* Excursion in Austrian Schools; Cubic Splines; Conic Sections escape R^2; Bézier Curves; From Inequalities to Linear Programming; Simplex Method for *TI*; A Trigonometric Super Box; Systems of nonlinear equations; Sports and *DERIVE*; Turtle Graphic with *DERIVE*; 3D-Graphics; Hidden Lines; and many others

Contents of the DNL#57 - #72 (2005 - 2008)



Selection:
Numerics versus Symbolics; 3D Confidence Intervals; A SUDOKU Solver; Simulations of Random Games; Moving Particles; Beyond Polynomial Regression; Contour Plots; Challenges for Fermat; Implicit 3D Plots; Mathematics & Design; Polynomial Arithmetic for the Advanced; Gröbner Bases; ANOVA; Yet another Treatise of RSA; Long Division – Step by Step; Making Algebra Meaningful with Technology; Analytical Hierarchy Process; Coons Surfaces; Actuarial Mathematics; Introduction to Global Position System

Disk of the year containing all .MTH files is included.

Planned for the next issues:
Simulating a Graphic Calculator; Shareholder´s Analysis; Overcoming Branch & Bound; Theorems of Pascal and Brianchon; The Wonderworld of Pedalcurves; Hill Encription; The Horror Octahedron; Study Cards for the TIs; A Conics Explorer; Mandelbrot and Newton with DERIVE; Using Science as a Tool for Math Education; Stationary Points of Functions of two Variables; Logos of Companies as an Inspiration for Math Teaching; Truth Tables for the TI; Snail-Shells; The Role and Function of Proof with a Dynamic Geometry Program? Boolean Plots; Embroidery Patterns and others