**What does the Metodical Application Program Packages say?**

**Metodical software packages** are used to solve mathematical and economic issues in some way.

### What programs are involved in metodical Application Software Packages?

Examples of these packages include **Math Cad, MatLab, Derive, TK Solver, Mathematica, Maple, Simplex, and Stats Network** programs that are implemented on individual computers.

Thus, we became acquainted with the subject of **Metodical Application Program Packages**.

2.3. Methodical ASP

Methodological ASP mathematical-economic issues

real solutions to the methods. Here are the ASPs about:

- mathematical programming (linear, dynamic, static, etc.)

- network administration and management;

- theory of public service;

- mathematical statistics.

As an example of these packages realized in the modern FK

MathCad, MatLab, Derive, TK Solver, Mathematica, Marle V,

Simplex, Stats NetWork programs can be shown.

4.1. Mathematical software packages have now created a large number of different software packages to solve mathematical issues. It may seem that the abundance of mathematical software relieves a researcher of mathematical knowledge. But it is important to understand that any means cannot replace knowledge. Any menu used in such systems does not free a user from understanding the nature of mathematical commands and methods. Thus, mathematical systems differ in principle from text and graphic editors. When necessary, any mathematical package that is widely used is implemented. For example, all mathematical packages set up a schedule of functions in the given step of the argument. During this time, you need characteristic points and properties (root, extreme, bending point, asymptotes) to fully study the landscape

All mathematical packages are available with text and graphic editors

operations on files, placement of fragments and

such as uninstallation, system configuration, informative references

has a general guarantee.

Math packages are case sensitive.

Constants π, e, i are used in the systems. The service word Infinity is used to indicate the limit

In these systems, arithmetic and logical operations, algebraic,

trigonometric and their inverse, hyperbolic and their inverse, a series

calculation of special functions, statistical and financial-economic

transactions are viewed.

Operations independent floor numbers in systems (from 2 to 36), quality and

performed with complex numbers.

The report of integers provides the required floor

is carried out with high precision. To the actual report

at least one of the operators to pass and of the function

you need to give all your arguments in real form.

Mathematical systems perform many operations with matrices

has many tools that do. These universal packages

and only linear from the minimax problems with constraints

solves programming issues.

A symbol in the new generation of integrated mathematical systems

algebra is also used. Such systems have the following capabilities

has:

- don't replace;

- polynomial, with fractional-rational functions, one and many variables

operations with functions, on the degree of the given variable

arrangement, calculation of real and complex roots, etc.;

-finding the separation to the Taylor series around the given point;

-calculation of sums and products of rows;

- symbol differentiation and integration;

- solving differential equations.

It is clear that these listed possibilities are both in their true form,

also in combinations (complex expressions from reports

is first converted into analytical form) is performed using