



## Program Details

**ART.-NO.**

ggu-01-111

## OPERATING SYSTEM

Windows 95/98/ME, NT/2000/XP

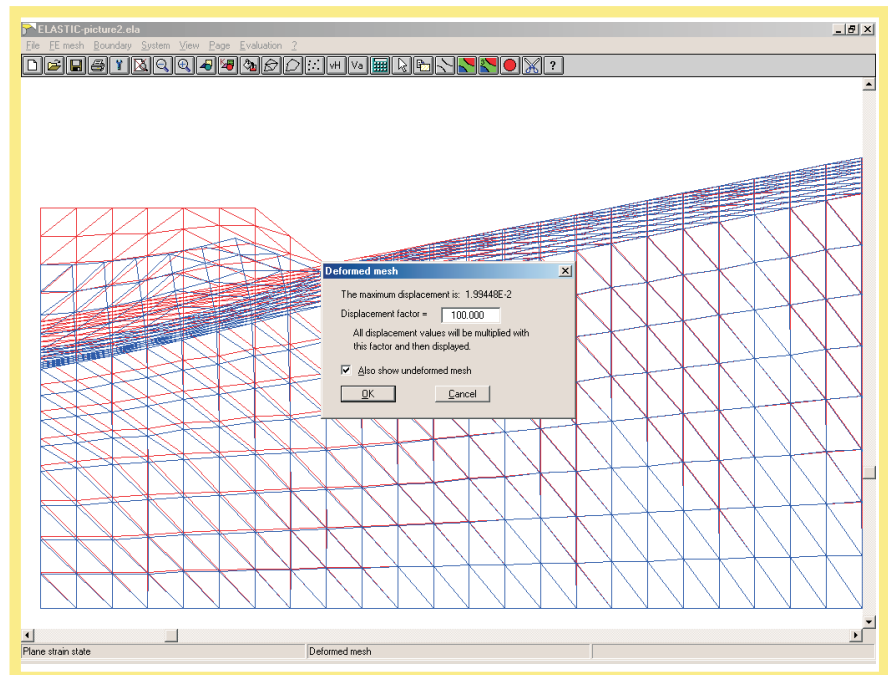
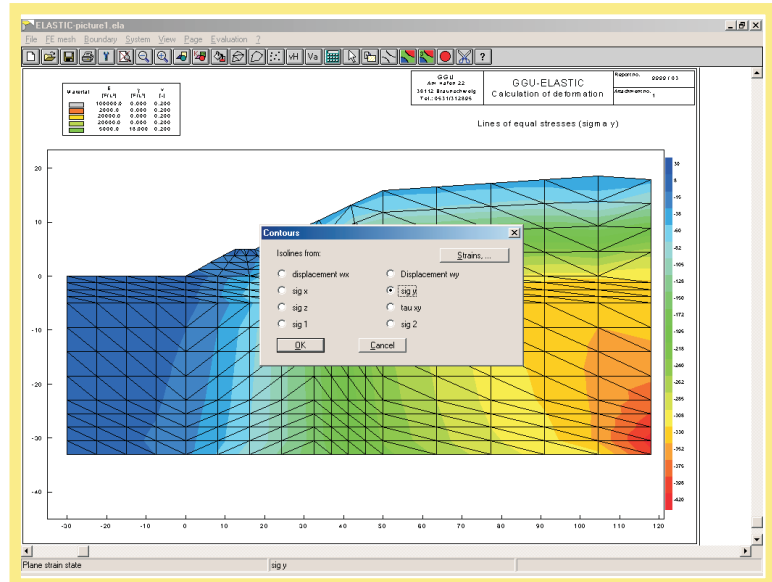
## Description

**GGU-ELASTIC** - calculation of linear-elastic deformation

Calculation of plane and axis - symmetrical deformation using the finite element method.

- Linear-elastic
- Hooke's law

As data input is in accordance with Windows conventions it can be learnt almost without the use of a handbook. The graphic output supports the true-type fonts provided by Windows, so that you can be sure of an excellent layout. Colour output is supported.








PROGRAM GGU-ELASTIC  
GEOTECHNICAL COMPUTATION

GGU  
Am Hafen 22  
38112 Braunschweig

Report no. 9999 / 03  
Attachment no. 1

**GGU-ELASTIC**  
Calculation of deformation

Deformations wy as a result of  
fill and live load

Material	E [F/L <sup>2</sup> ]	$\nu$ [F/L <sup>3</sup> ]	V [-]	Designation
	$1.5000 \cdot 10^{+5}$	0.000	0.333	Marly limestone
	52500.0	0.000	0.333	Gravel
	9000.0	20.000	0.333	Sealing
	9000.0	0.000	0.333	Loam, compacted
	75000.0	18.000	0.333	Fill

