

PRINUP^{LT}



Photo VZLU

BACKGROUND

For many years the PRIN 80 and PRIN 85 modal analysis systems have been used world-wide. The PRINUP^{LT} associate the computational power of the current personal computer with their accuracy and flexibility, updating them, providing an optimum modal analysis solution.

PRINUP^{LT} also represents the first step in the integration of P-Win-Modal[®] modal analysis software.

MAIN FEATURES

PRINUP^{LT} system update consists in the replacement of the former computer by a PC-Pentium one. The link between them is performed via a PC-based 12 ports digital Input/Output board controlled by the PRINUP.DLL 16-bits library.

APPLICATIONS

Based on the use of the PRINUP.DLL library, it is possible to develop new software applications for the PRIN 80/85 updated systems. For example, and under Visual Basic, the introduction of 1.2345 as the frequency on the GN 484 generator becomes

$$\begin{aligned}freq &= 012345 \\coma &= 3 \\status &= RWFrequency (freq,coma,0,0)\end{aligned}$$

FUNCTION LIST

<i>f</i> test	System configuration
<i>RW</i> Status	Reads/write the system status
<i>RW</i> Frequency	Reads/writes the GN 484 frequency
<i>RW</i> Force	Reads/write the AP 512 modules force levels
<i>R</i> Transducer_Init	Initialise the data acquisition
<i>R</i> transducers	Reads the transducers responses
<i>R</i> Gain	Reads the data acquisition gains

REQUIREMENTS

HARDWARE	
Signal generator	GN 484, GIB 591, CG 511, AP512
Excitation channels	Up to 16
Data acquisition	CA 532, M 525 20, FA 540
Acquisition channels	Up to 500
System control	CPA 515
Processing system	PC-PENTIUM II or higher
SOFTWARE	
Operative System	Windows™ 95 or 98

For other configurations, please contact us.

