



BEASY NEWS RELEASE

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BEASY release New Version of its Mechanical and Crack Growth Software

BEASY are pleased to announce the release of a new version of its Mechanical and Crack Growth modelling software. This version includes some exciting new developments in the fatigue growth capabilities of BEASY

In this software update, enhancements have been made to the fatigue analysis package so that more complex load cycles can be analysed. BEASY already has the capability to perform fatigue crack growth analysis using multi-axial loading, where a number of different load cases can be combined to represent the crack growth. Now this has been extended so that an individual load cycle can itself be defined. This can either be done using a sequence of load cases or by giving a series of load values for individual load cases though a cycle.

This allows for load cycles to be constructed where you cannot pre-determine which part of the load cycle will give the maximum and minimum load states and for the combination of load cases where two load cases act out-of-phase with each other.

In addition, there are improvements in the BEASY meshing so that groups of elements in the original mesh can be preserved during remeshing.

Dr Robert Adey, MD of BEASY, commented "This new release of BEASY incorporates enhancements which have been specifically requested by our users and enables not only more complex loadings to be simulated but also further simplifies the modelling of cracks"

For information related to this latest release, please contact us using the email address sales@beasy.com

About BEASY

BEASY provides powerful software applications which supply the tools needed to quickly and accurately simulate the life and performance of products. Applications include: Mechanical Analysis (stress and thermal), Durability and Crack Growth Analysis, Corrosion and Cathodic Protection, Corrosion Related Electric & Magnetic Fields and Acoustic Design and Noise Control.

BEASY hold regular seminars throughout the year which provide an overview of the benefits and solutions available from BEASY and a hands-on workshop where attendees can try out their particular application of interest with BEASY technical support staff on hand. See the website for information on dates and topics – www.beasy.com

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