## F C P A S

## **<u>Fracture and Crack Propagation Analysis System</u>**

- ✓ FCPAS is a general-purpose finite element-based program for three-dimensional analyses of structures. It is proven to be accurate, employs three-dimensional enriched elements and allows computation of important fracture parameters such as stress intensity factors very efficiently without any special mesh requirements and post-processing efforts.
- ✓ Currently, models can be generated within ANSYS<sup>™</sup> and their fracture analysis can be performed within FCPAS very efficiently.
- ✓ FCPAS is free to use for education, research and scientific publications. Usage for commercial purposes is not permitted.

Its further development is continuing through a research project sponsored by TUBITAK.



If you are interested in obtaining a copy of FCPAS, please contact Dr. Ali O. Ayhan by writing to <u>ayhan@sakarya.edu.tr</u>.