

ENGINEERING
FRACTURE
MECHANICS

**Numerical Methods
and Applications**

D.R.J.Owen and A.J.Fawkes



FRACTURE MECHANICS OF CONCRETE

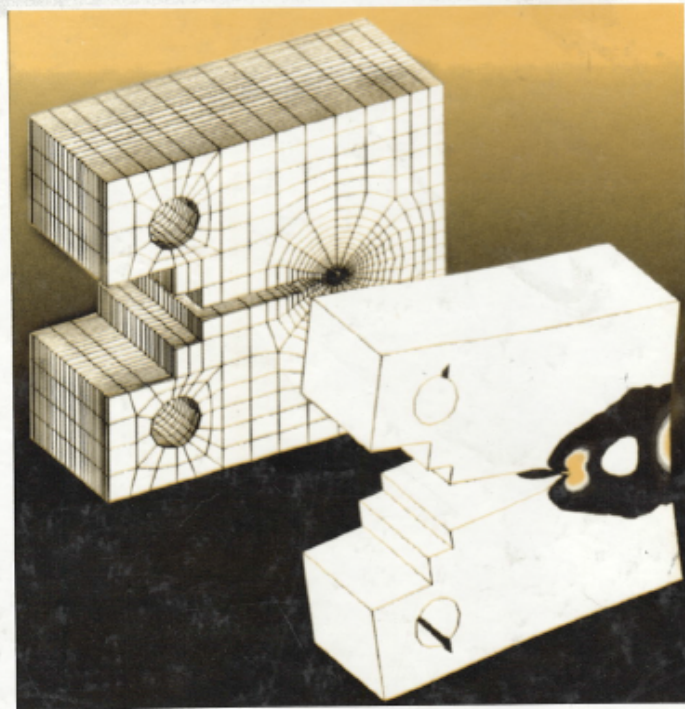
**Applications
of fracture
Mechanics to
Concrete, rock
and Other
Quasi-Brittle
Materials**

**SURENDRA P. SHAH
STUART E. SWARTZ
CHENGSHENG OUYANG**



FRACTURE MECHANICS

Fundamentals and Applications
Second Edition



T.L. Anderson