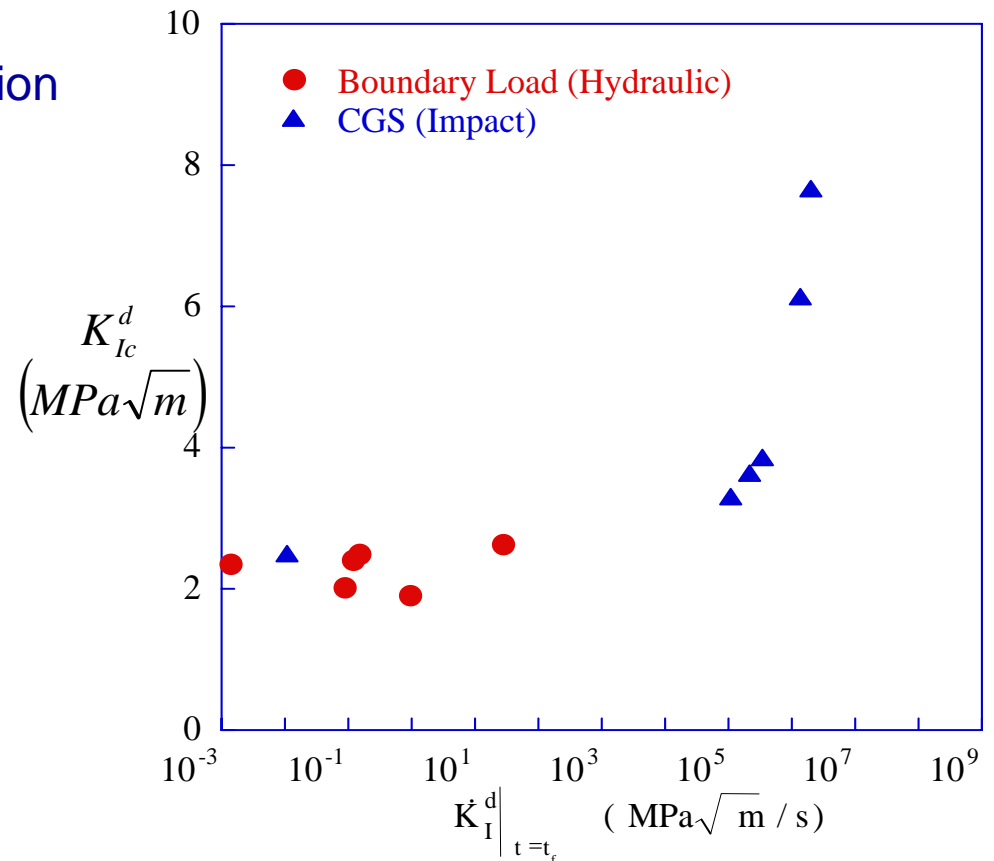
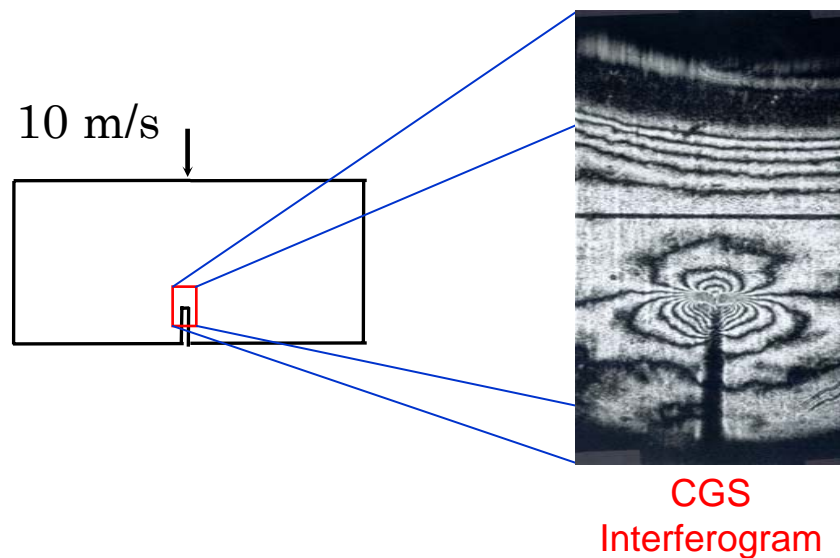


Crack Initiation Criteria in Composites

Objectives:

- Establish Mode I dynamic crack initiation criteria for unidirectional composites.



Significant Finding:

- Dramatic increase in fracture toughness with loading rate.

Payoffs:

- Quantify potential improvements in composite design and fabrication.
- Improve analyses of failure due to dynamic loading.

