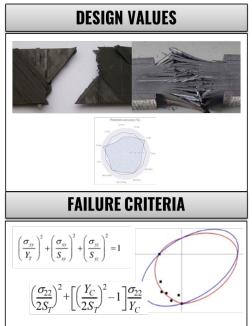


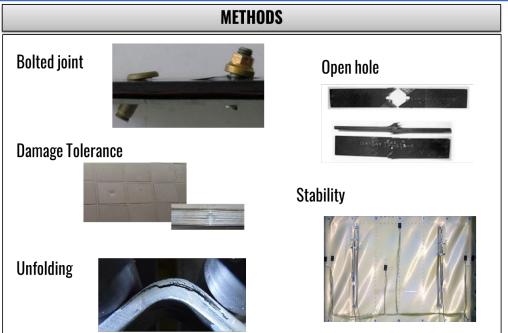
José Antonio Rodríguez Sánchez (Senior Expert Structural Analysis)

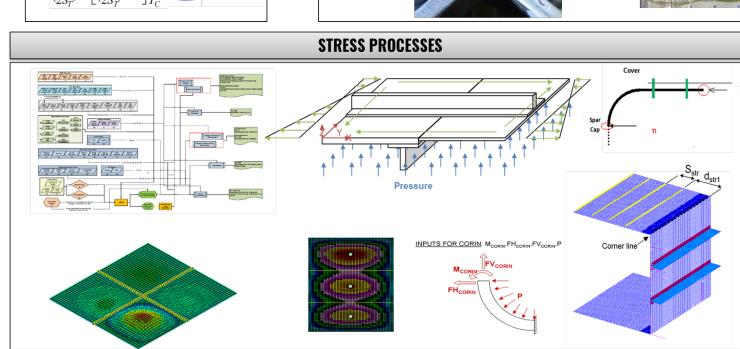
14th November 2023

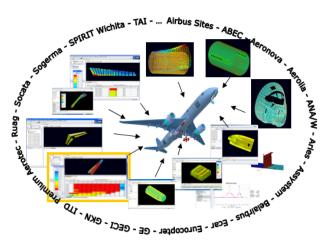


As-Is



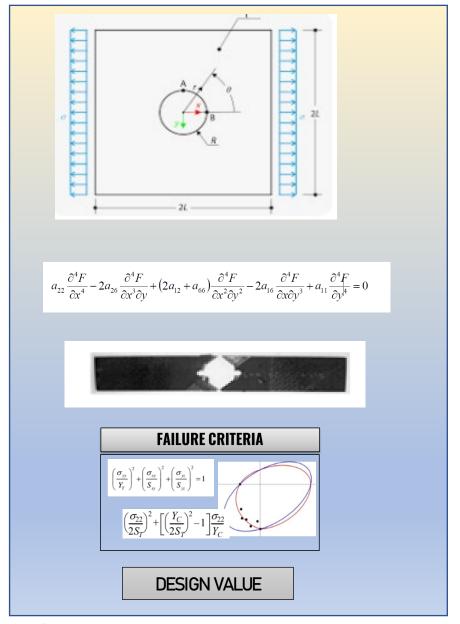


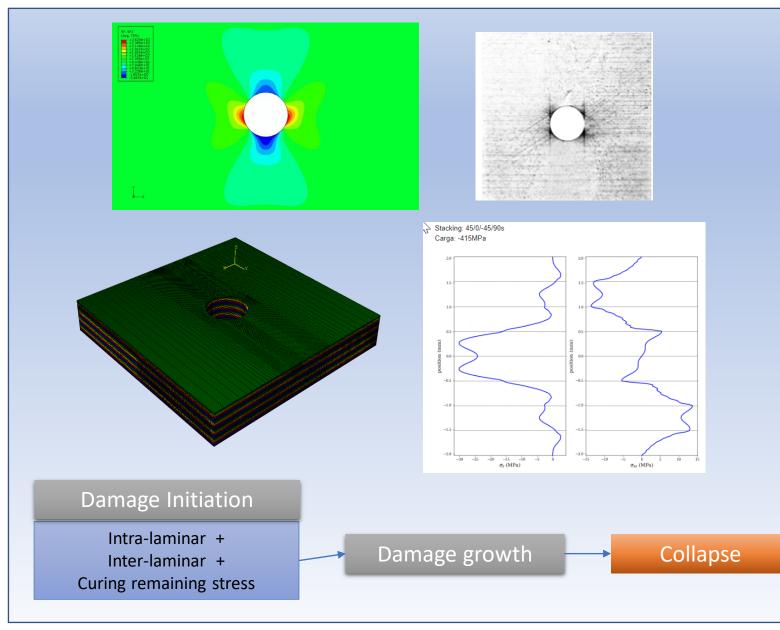






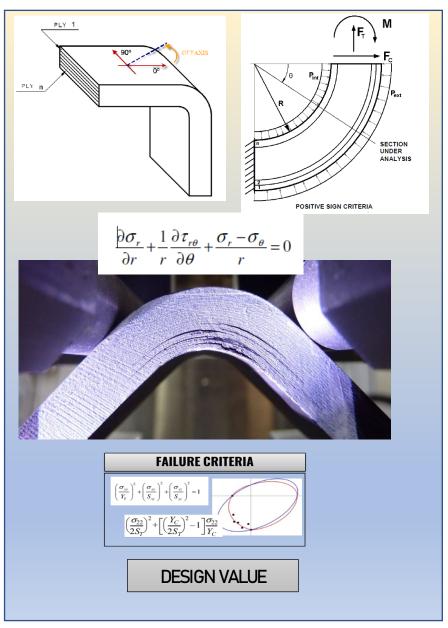
Failure Mechanism. Open hole

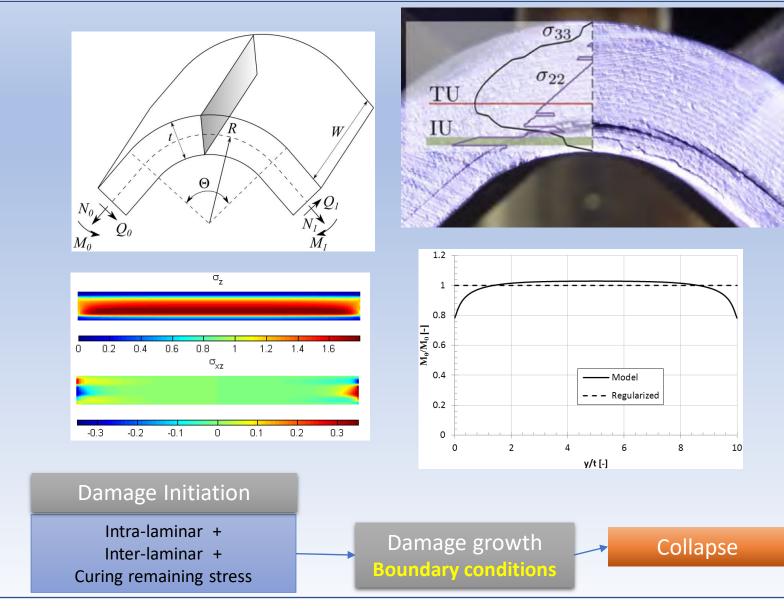




^{*} Anisotropic plates. Lekhnitiskii

Failure Mechanism. Unfolding





To be:







- 1. NDT Methodology on test real time
- 2. Instrumentation. Interlaminar
- 3. Test coupons redefinition
- 4. Idealization techniques

References.

González Cantero, J.M. (2017). Study of the unfolding failure of curved composite laminates. Phd Universidad de Sevilla. Airbus partnership

Pastorino Junquero D. (2021). Closed form methodology for the structural análisis of composite plates with cutouts. PhD Universidad de Sevilla. Airbus partnership

Thanks