

Stiffness reduction in UD and cross-ply laminates due to fiber/matrix interface cracks

Luca Di Stasio^a, Janis Varna^a

^a*Luleå University of Technology, University Campus, SE-97187 Luleå, Sweden*

Abstract

Keywords: Fiber Reinforced Polymer Composite (FRPC), Debonding, Finite element analysis (FEA)

1. Introduction

2. Derivation of constitutive relations