I. Introduction

Non Destructive Testing (NDT) using eddy currents is an established technique in several domains. Some applications worth mentioning are the detection of fatigue cracks in aircraft metallic structures, in metallic tubes subject to high pressures or even in the metallic bars used to Sign in to Continue Reading reinforce concrete structures [1]—[4]. However, although eddy-current nondestructive testing proved to be a reliable method for crack detection, it is only recently that the possibility of crack characterization with this technique has begun to be fully explored [5].

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