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Two-Stage Deep L Classification of Fi

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ABSTRACT Due to the digitization and art galleries became widely avail would allow rapid retrieval and seman classification approach aiming to im approach divides the input image into to train and classify each patch indi patches are fused in the decision-ma probability vectors given by the firston the individual patches, the second the analyzed input image. The key fa the fact that the second stage is train images. This way, the second stage during the first stage. The proposed VGG-16, VGG-19, GoogLeNet, Res neural network as a second-stage clas datasets indicated that the proposed techniques.

INDEX TERMS Fine art style recognition, transfer learning, digital human

I. INTRODUCTION

This paper presents a multi-stage mach to the problem of semantic categorizating fine art paintings. The proposed a