

Quantizing the Bosonic String on a Loop Quantum Gravity Background

Deepak Vaid*

National Institute of Technology, Karnataka, India

Luigi Teixeira de Sousa†

Universidade Federal de São Carlos, Brasil

(Dated: October 16, 2023)

We write down an action for a bosonic string propagating in a bulk background whose geometry is specified in terms of connection and tetrad (or “vierbein”) variables

CONTENTS

* dvaid79@gmail.com

† luigits@estudante.ufscar.br