

Uplink User-Assisted Relaying in Cellular Networks

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Overview

- ▶ Introduction
- ▶ Partial Decode-and-Forward Relaying
- ▶ PDF in Cellular Networks
- ▶ Cooperation Policies
- ▶ Simulations and Results
- ▶ Future Work

Introduction

- ▶ Relaying cooperative communications will play important roles in future generations wireless networks.
- ▶ Relay-aided cooperative communication techniques represent a promising technology that improves average rate
- ▶ We use Partial Decode-and-Forward relaying scheme
- ▶ We will explore two policies by which active User Equipments (UEs) pick their relays