

# MPC for Group Reconstruction Circuits

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## Abstract

In this paper, we present a thing.

## 1 Introduction

Here's a note explaining various important things.

## 2 Background

### 2.1 Sigma Protocols

### 2.2 Maurer's $\varphi$ -Proof

## 3 Group Reconstruction Circuits

## 4 MPC Protocol for GRCs

## 5 Security Analysis

## 6 Applications

## 7 Limitations and Further Work

## 8 Conclusion

## References