## MODULATION DESIGN IN AMPLIFY-AND-FORWARD TWO-WAY RELAY HARQ NETWORK

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## **ABSTRACT**

6. REFERENCES

*Index Terms*— Modulation diversity, amplify-and-forward, two-way relay, HARQ, QAP

- 1. INTRODUCTION
- 2. SYSTEM MODEL
- 3. SUCCESSIVE CONSTELLATION MAPPING DESIGN FOR MODULATION DIVERSITY
- 3.1. A BER upperbound
- 3.2. The Successive Quadratic Assignment Problem
  - 4. NUMERICAL RESULTS
    - 5. CONCLUSION