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**Abstract:** xxx

**Key words:** Xxxx; Xxxx; Xxxxx; Xxxxx; Xxxx

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## 1. Introduction

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## 2. Xxxx

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### 2.1. Xxxxx

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PROPOSITION 1. *xxxx*

COROLLARY 1. *xxxx*

LEMMA 1. *Xxxx*

PROOF. Xxxxxx

LEMMA 2. *Xxx Xxx*

PROOF. xxxxx

THEOREM 1. *Xxxxx*

PROOF. XXxxxx

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### 3. Conclusions

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