Experimental Test-Bed For Bumblebee-Inspired Channel Selection in an Ad-hoc Network

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Introduction

1. In a highly dynamic vehicular environment with varying network topology, it is very difficult to maintain communication between vehicles efficiently.
2. Controlling/Alleviating porosity requires knowledge.

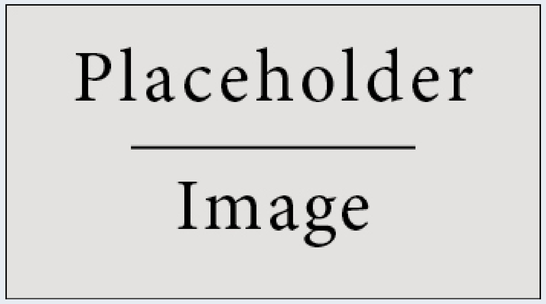

Figure 1: In a highly dynamic vehicular environment with varying network topology, it is very difficult to maintain communication between vehicles efficiently.

Objective

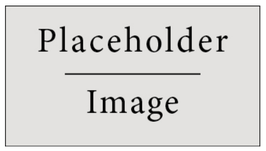

Figure 2: In a highly dynamic vehicular environment with varying network topology, it is very difficult to maintain communication between vehicles efficiently.

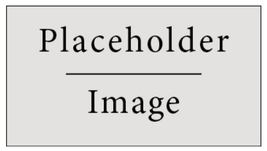

Figure 3: In a highly dynamic vehicular environment with varying network topology, it is very difficult to maintain communication between vehicles efficiently.v

Objective

Methodology

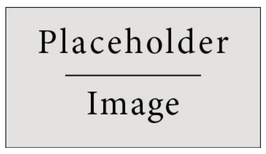

Figure 5: In a highly dynamic vehicular environment with varying network topology, it is very difficult to maintain communication between vehicles efficiently.

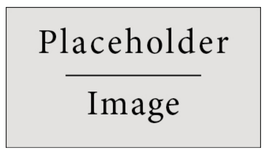

Figure 6: In a highly dynamic vehicular environment with varying network topology, it is very difficult to maintain communication between vehicles efficiently.

Results

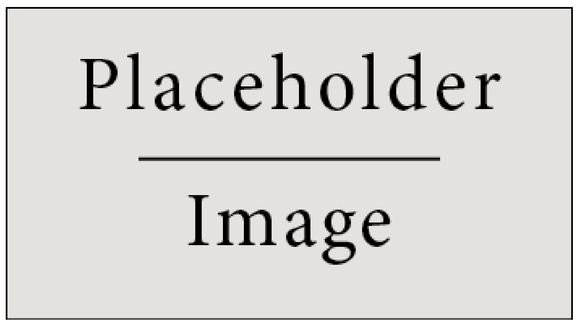

Figure 7: In a highly dynamic vehicular environment with varying network topology, it is very difficult to maintain communication between vehicles efficiently.

Results

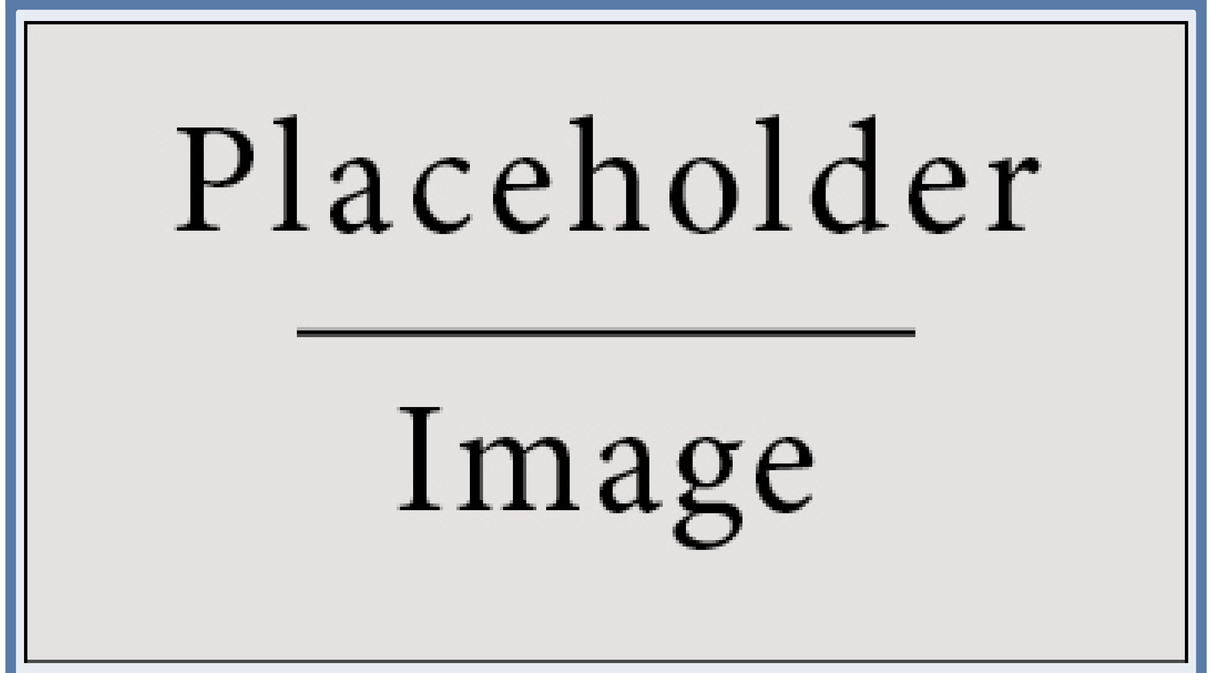

Figure 8: In a highly dynamic vehicular environment with varying network topology, it is very difficult to maintain communication between vehicles efficiently.

Results

Results

Table 1: In a highly dynamic vehicular environment with varying network topology, it is very difficult to maintain communication between vehicles efficiently.

Conclusion

- In a highly dynamic vehicular environment with varying network topology, it is very difficult to maintain communication between vehicles efficiently.
- In a highly dynamic vehicular environment with varying network topology, it is very difficult to maintain communication between vehicles efficiently.

Future Work

- In a highly dynamic vehicular environment with varying network topology, it is very difficult to maintain communication between vehicles efficiently.

References

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