

Multiuser Receiver Design Maximizing Mutual Information Rate

Multi-Access Interference (MAI)

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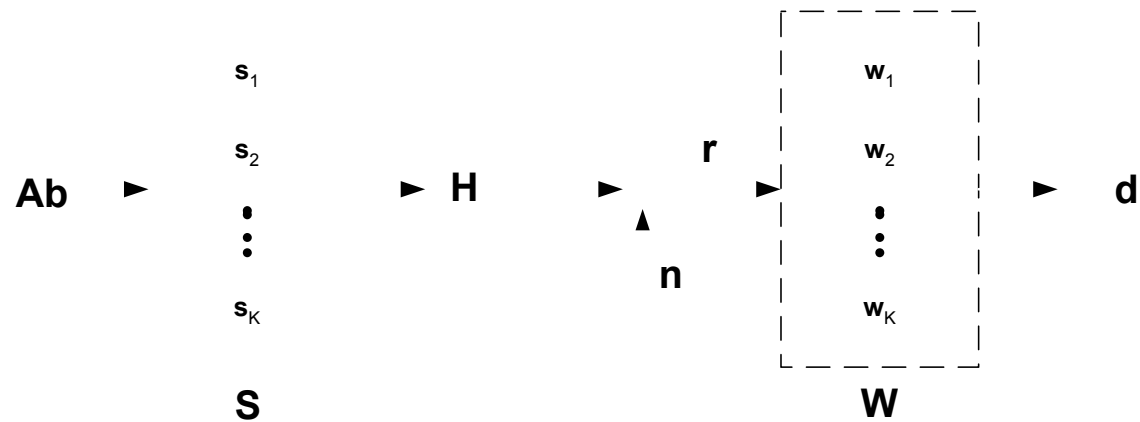
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Multiuser Detection



Multiuser Channel Model



Multiuser Receiver Design Criteria I

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Multiuser Receiver Design Criteria II



Mutual Information Rate I

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Mutual Information Rate II

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MMIR Multiuser Receiver



The Choice of F

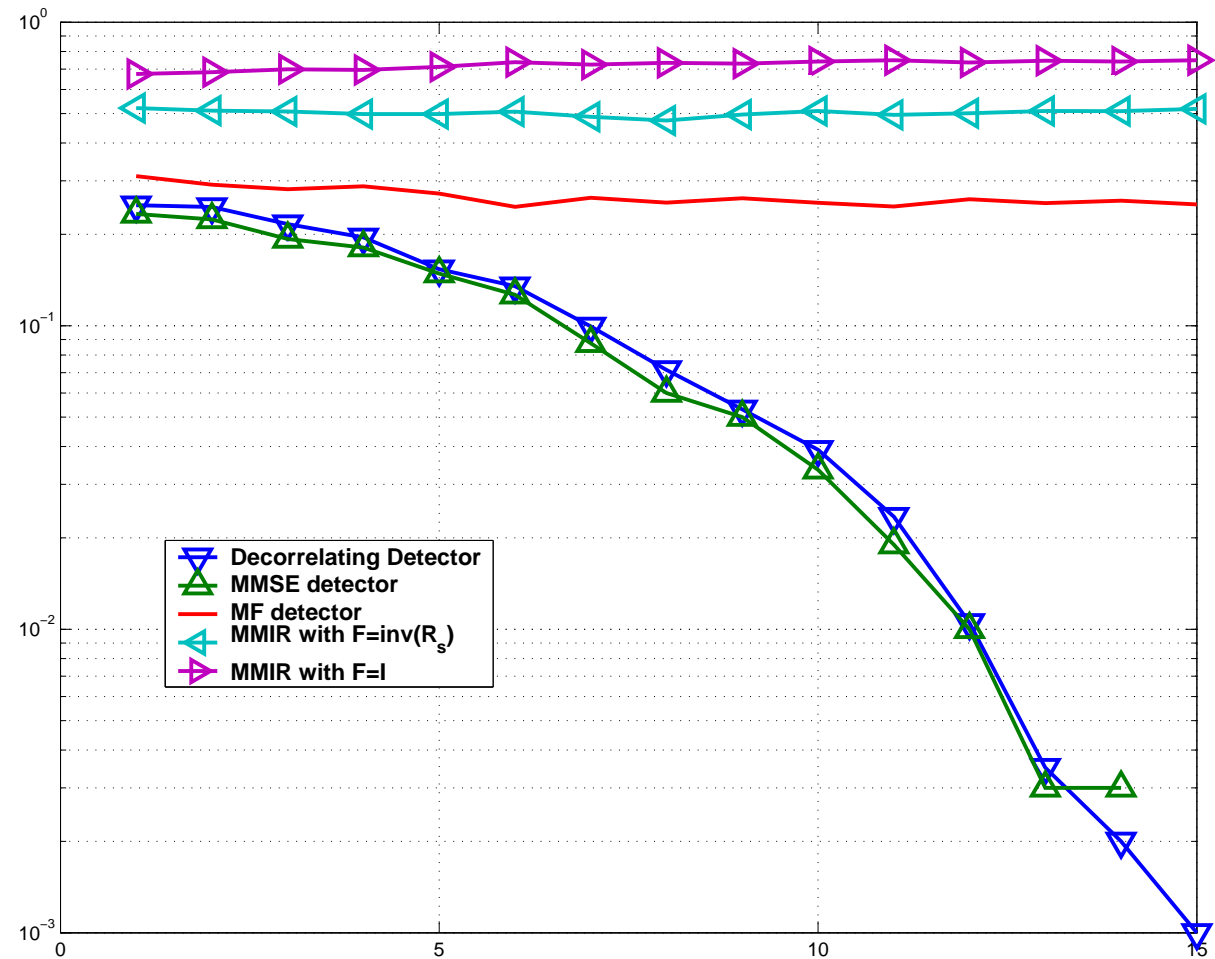
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Computer Simulations



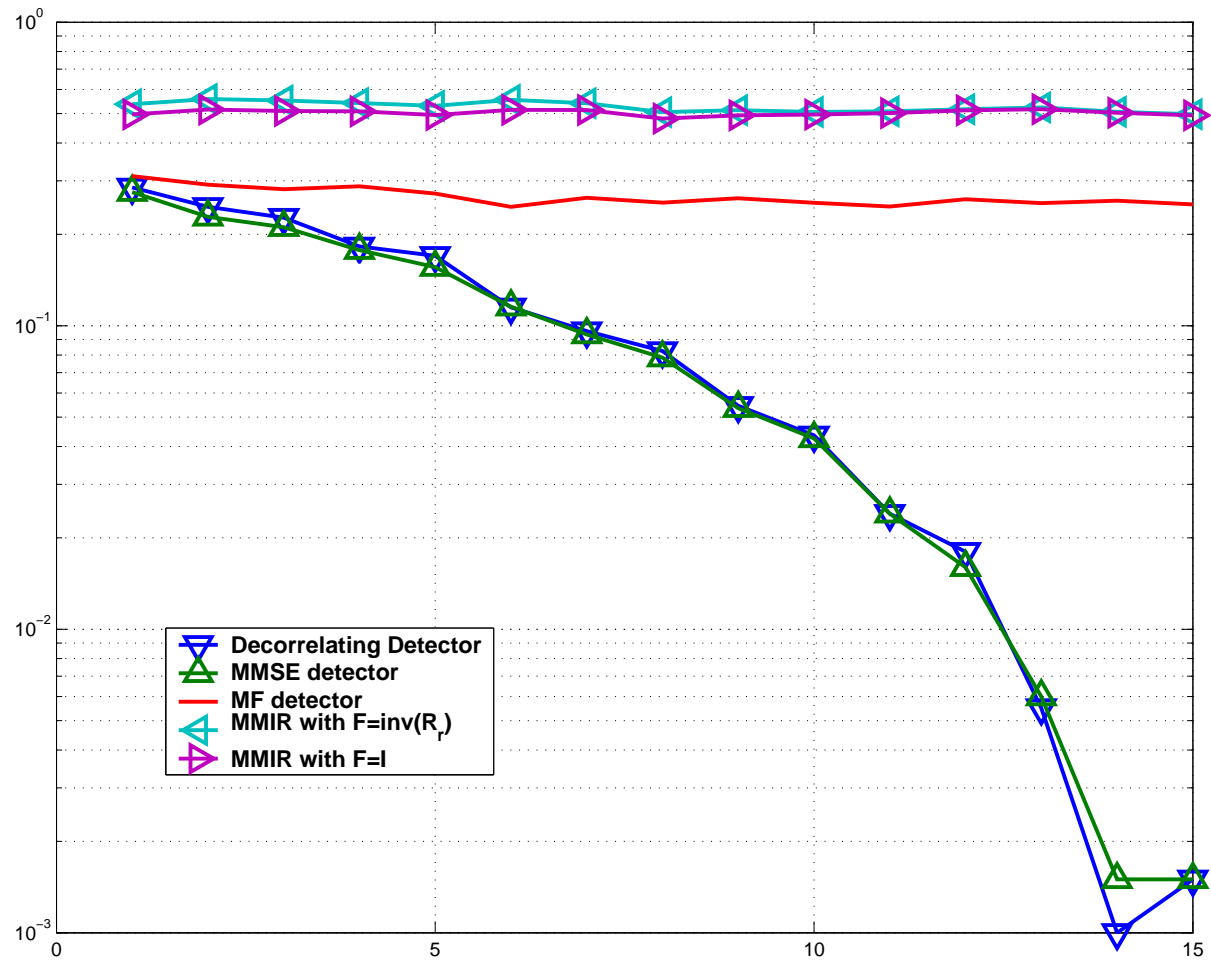
Blind MMIR Multiuser Receiver

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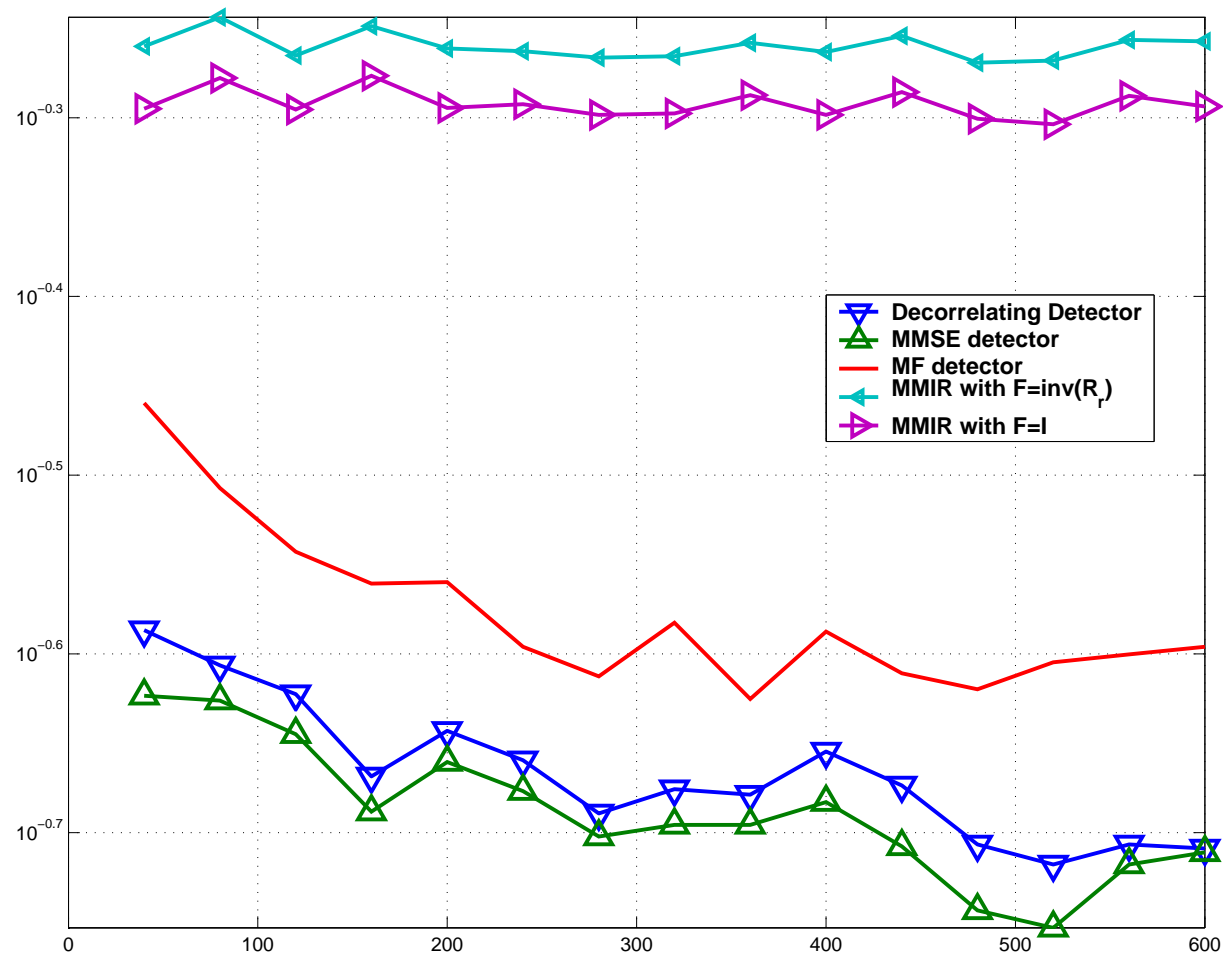
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Computer Simulations I



Computer Simulations II



Conclusions & Future Directions

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Selected References

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