

MULTICELL UPLINK SPECTRAL EFFICIENCY OF CODED DS- CDMA WITH RANDOM SIGNATURES

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Outline:

- Introduction
- System Model
- Spectral Efficiency
- Power Allocation Policies
- Conclusion

INTRODUCTION

- Multi Cell Uplink communication Model is Suggested
- Comparative study of Spectral efficiency for Different Multi User detection
- Compares Four Detection Techniques :
 - Matched filter detection
 - Single Cell Optimum Detector
 - MMSE
 - MMSE- Successive Interference Cancellation(MMSE-SC)