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1. INTRODUCTION In This Study, Basic Components Of A Digital Communication System Are Simulated With Channel Models And Noise By Using Flexible Antenna Systems Both At The Transmitting And Receiving Ends. As Shown In Figure 1, A Digital Communication System Is Made Up Of Both Analog And Digital Parts. The Digital Part Consists Of May 5th, 2024

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Lecture 1: Introduction On Simulation Of Communication Systems March 28 - April 19 2008 Yuping Zhao (Doctor Of Science In Technology) Professor, Peking University Beijing, China Yuping.zhao@pku.edu.cn Jan 5th, 2024

### **Simulation Of Communication Systems**

Systems, Both Analytic And Simulation, To Guide The Analysis And Design Throughout The Life Cycle Of A System. Computer-aided Design, Analysis, And Simulation Of Communication Systems Constitute A New And Important Part Of This Process. This Thesis Studies Different Aspects Of The Simulation Of Communication Systems By Covering Jan 5th, 2024

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1.2 Multidisciplinary Aspects Of Simulation 8 1.3 Models 11 1.4 Deterministic And Stochastic Simulations 14 1.4.1 An Example Of A Deterministic Simulation 16 1.4.2 An Example Of A Stochastic Simulation 17 1.5 The Role Of Simulation 19 1.5.1 Link Budget And System-Level Specification Process 20 1.5.2 Implementation And Testing Of Key Components 22 Feb 1th, 2024

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### **EE2EE2--4: Communication Systems4: Communication Systems**

- Haykin & Moher, Communication Systems, 5th Ed., Chap. 5 - Lathi, Modern Digital And Analog Communication Systems, 3rd Ed., Chap 11 26 Chap. 11. Why Probability/Random Process? • Probability Is The Core Mathematical T Apr 2th, 2024

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