

## Tópicos da Provoa (Retificado)

### CHAPTER 1 INTRODUCTION

- \* 1.2 NETWORK HARDWARE (circuit switching X packet switching!)
- \* 1.3 NETWORK SOFTWARE (Connection Oriented X Connectionless communication!)
- \* 1.4 REFERENCE MODELS

### CHAPTER 2 THE PHYSICAL LAYER

- \* 2.1 THE THEORETICAL BASIS FOR DATA COMMUNICATION + tipos de modulação (MODEMs)
- \* 2.3 WIRELESS TRANSMISSION
- \* 2.6 THE MOBILE TELEPHONE SYSTEM

### CHAPTER 3 THE DATA LINK LAYER

- \* 3.1 DATA LINK LAYER DESIGN ISSUES
- \* 3.3 ELEMENTARY DATA LINK PROTOCOLS
- \* 3.6 EXAMPLE DATA LINK PROTOCOLS (basicamente PPP)

### CHAPTER 4 THE MEDIUM ACCESS SUBLAYER

- \* 4.3 ETHERNET
- \* 4.4 WIRELESS LANS
- \* 4.5 BROADBAND WIRELESS
- \* 4.6 BLUETOOTH
- \* 4.7 DATA LINK LAYER SWITCHING ( e VLAN!)

### CHAPTER 5 THE NETWORK LAYER

- \* 5.1 NETWORK LAYER DESIGN ISSUES
- \* 5.2 ROUTING ALGORITHMS (Vector Distance & Link State apenas)
- \* 5.4 QUALITY OF SERVICE
- \* 5.6 THE NETWORK LAYER IN THE INTERNET

### LIVRO DO JAMES KUROSE: REDES DE COMPUTADORES E A INTERNET

8.1 a 8.5 e 8.8

*OBS: O item 3.6, embora listado no doc anterior, não cai. E vai cair 8.1 a 8.5 e 8.8, do Livro do James Kurose: Redes de Computadores e a Internet.*