

*Bossert: Kanalcodierung, 2nd edition, B. G. Teubner, 1998 or
Bossert: Channel Coding for Telecommunications, Wiley, 1999:*

Chapter 1: complete

Chapter 2: without 2.3.3 and 2.6

Chapter 3: without Extended RS Codes, 3.2.2 and 3.2.5

Chapter 4: without 4.5

Chapter 5: only 5.1

Chapter 6: only 6.1-6.5

Chapter 7: only 7.1-7.3, symbol-wise iterative decoding (part of 7.4.1), GMD decoding (part of 7.4.3) and Chase algorithms (part of 7.4.3)

Chapter 8: without 8.2, 8.3, 8.6.3, 8.7 and 8.8

Chapter 9: only 9.1

Chapter 10: only 10.1

Alternative: *Bossert: Kanalcodierung, 3rd edition, Oldenburg Verlag, 2013:*

Chapter 1: complete

Chapter 2: without 2.4 and “Quadratische Reste” (part of 2.6)

Chapter 3: without extended RS codes (part of 3.1.7), Berlekamp–Massey algorithm (part of 3.2.6) and 3.4

Chapter 4: without 4.6

Chapter 5: only 5.1

Chapter 6: only 6.1-6.4

Chapter 7: only 7.1-7.3, 7.4.1-7.4.2, and symbol-wise iterative decoding (part of 7.4.4)

Chapter 8: without 8.2, 8.3, 8.6.3, 8.7 and 8.8

Chapter 9: only 9.1

Chapter 10: only 10.1

Only the above mentioned chapters/sections are relevant for the examination.