

# Simon Haykin Digital Communication Solution Manual

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this supplement contains worked out solutions to the chapter end problem sets found in digital communication second edition isbn 0 7923 9391 0

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a comprehensive introduction to the basic principles design techniques and analytical tools of wireless communications

providing the underlying principles of digital communication and the design techniques of real world systems this textbook prepares senior undergraduate and graduate students for the engineering practices required in industry covering the core concepts including modulation demodulation equalization and channel coding it provides step by step mathematical derivations to aid understanding of background material in addition to describing the basic theory the principles of system

and subsystem design are introduced enabling students to visualize the intricate connections between subsystems and understand how each aspect of the design supports the overall goal of achieving reliable communications throughout the book theories are linked to practical applications with over 250 real world examples whilst 370 varied homework problems in three levels of difficulty enhance and extend the text material with this textbook students can understand how digital communication systems operate in the real world learn how to design subsystems and evaluate end to end performance with ease and confidence

this third edition has been revised to include expanded coverage of digital communications new topics include spread spectrum systems cellular communication systems global positioning systems gps and a chapter on emerging digital technologies such as sonet isdn and video compression

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