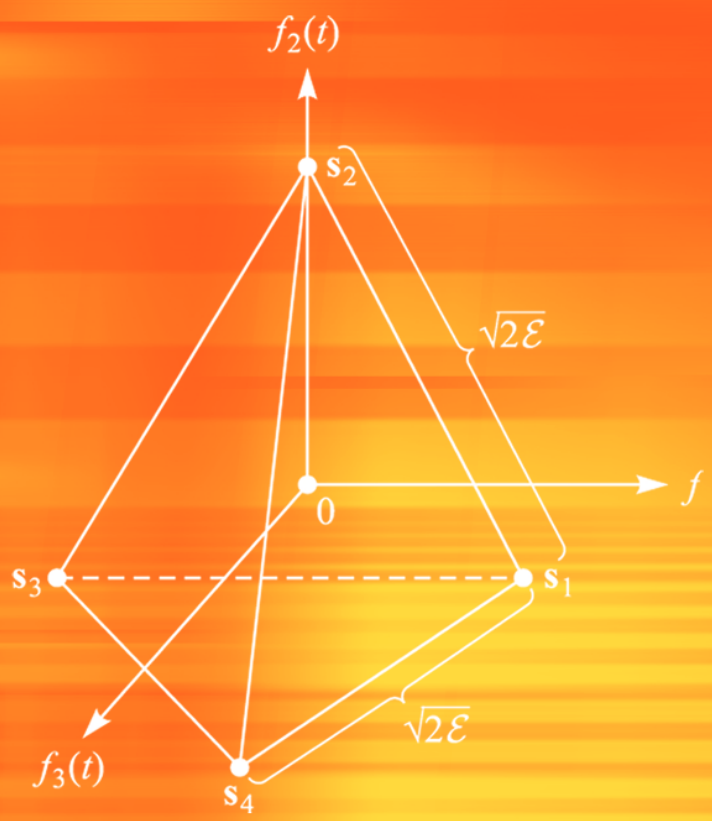
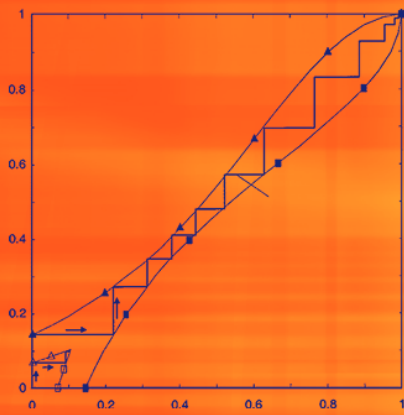




**John G. Proakis**  
**Masoud Salehi**

$M=2$



**Fifth Edition**

# Digital Communications





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Fifth Edition

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D E D I C A T I O N

*To  
Felia, George, and Elena  
John G. Proakis*

*To  
Fariba, Omid, Sina, and My Parents  
Masoud Salehi*



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