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| Nota di contenuto       | <p>""Contents""; ""Title Page""; ""Copyright""; ""Foreword""; ""Notations and Abbreviations""; ""Chapter 1: Recap on Digital Signal Processing""; ""1.1 The sampling theorem""; ""1.2 Spectral contents""; ""1.3 Case of random signals""; ""1.4 Example of the Dual Tone Multi-Frequency (DTMF)""; ""Chapter 2: Additional Information About Filtering""; ""2.1 Filter implementation""; ""2.2 Filter banks""; ""2.3 Ripple control""; ""Chapter 3: Image Processing""; ""3.1 A little geometry""; ""3.2 Pyramidal decompositions""; ""Chapter 4: Numerical Calculus and Simulation""</p> <p>""4.1 Simulation of continuous-time systems""""4.2 Solving of ordinary differential equations (ODEs)""; ""4.3 Systems of equations and zero-seeking""; ""4.4 Interpolation""; ""4.5 Solving of linear systems""; ""Chapter 5: Speech Processing""; ""5.1 A speech signal model""; ""5.2 Dynamic Time Warping""; ""5.3 Modifying the duration of an audio signal""; ""5.4 Eliminating the impulse noise""; ""Chapter 6: Selected Topics""; ""6.1 Tracking the cardiac rhythm of the fetus""; ""6.2 Extracting the contour of a coin""; ""6.3 Constrained optimization and Lagrange multipliers""</p> <p>""6.4 Principal Component Analysis (PCA)""""6.5 GPS positioning""; ""6.6 The Viterbi algorithm""; ""Chapter 7: Hints and Solutions""; ""H1 Reminders on digital signal-processing""; ""H2 Additional information</p> |

on filtering"; "H3 Image Processing"; "H4 Numerical calculus"; "H5  
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