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	Autore	Teklehaimanot Awash
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	Livello bibliografico	Monografia
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Harare Declaration on Malaria Prevention and ControlMultilateral Initiative on Malaria; Roll Back Malaria Initiative; Abuja Declaration on Roll Back Malaria; Medicines for Malaria Venture; Global Fund to fight AIDS, Tuberculosis, and Malaria; Chapter 4 Malaria control strategies; Disease prevention strategies; Disease management strategies; Epidemic prevention and control strategies; Information, education, and communication strategies; Monitoring and evaluation; Chapter 5 Examples of successful scale-up of malaria control programs; Tigray region of Ethiopia; Highlands of Madagascar; Viet Nam

South AfricaTanzania; Lessons learned; Chapter 6 Priority challenges for scaling up malaria control programs; Strengthening health systems; Human resources capacity; Social mobilization of communities; Partnerships; Programmatic challenges; Chapter 7 Developing a global plan to achieve the Millennium Development Goal target for malaria; Conditions for achieving a sustained impact; Developing a global plan for reducing the burden of malaria; Components of a global plan; Needs assessment: costing and financing; Resource mobilization: needs assessment at the global level

Resource mobilization: needs assessment at the country level - EthiopiaChapter 8 Monitoring and evaluation; Monitoring and evaluation of health programs; Malaria-related Millennium Development Goal, targets, and indicators; Coverage measures; Main approaches to data collection for monitoring malaria control; Monitoring the effectiveness of antimalarials and insecticides; Developing geographic information systems and remote sensing; Cost-effectiveness of service provision; Linkage of malaria monitoring with poverty alleviation

Chapter 9 Research and development to meet current and future needsAntimalarial medicine development; Malaria diagnostics; Malaria management in young children; Malaria vector; Malaria vaccines; Chapter 10 Recommendations; 1. Establish a realistic and measurable target on malaria; 2. Enhance political commitment at country and global levels; 3. Strengthen health systems at national and district levels; 4. Develop human resources for program implementation; 5. Promote social mobilization and community participation; 6. Provide effective antimalarial supplies and commodities

7. Apply an integrated package of interventions

Sommario/riassunto	The Millennium Development Goals, adopted at the UN Millennium Summit in 2000, are the world's targets for dramatically reducing extreme poverty in its many dimensions by 2015?income poverty, hunger, disease, exclusion, lack of infrastructure and shelter?while promoting gender equality, education, health and environmental sustainability. These bold goals can be met in all parts of the world if nations follow through on their commitments to work together to meet them. Achieving the Millennium Development Goals offers the prospect of a more secure, just, and prosperous world for all. The UN Mi

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Autore   Diniz Paulo S. R

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                    Electrical engineering
                    Automatic control
                    Signal, Image and Speech Processing
                    Circuits and Systems
                    Communications Engineering, Networks
                    Control and Systems Theory

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Note generali   Includes index.

Nota di contenuto   Introduction to Adaptive Filtering -- Fundamentals of Adaptive Filtering
                    -- The Least-Mean-Square (LMS) Algorithm -- LMS-Based Algorithms
                    -- LMS-Based Algorithms -- Conventional RLS Adaptive Filter -- Set-
                    Membership Adaptive Filtering -- Adaptive Lattice-Based RLS
                    Algorithms -- Fast Transversal RLS Algorithms -- QR-Decomposition-
                    Based RLS Filters -- Adaptive IIR Filters -- Nonlinear Adaptive Filtering
                    -- Subband Adaptive Filters -- Blind Adaptive Filtering -- Kalman
                    Filtering -- Complex Differentiation -- Quantization Effects in the LMS
                    Algorithm -- Quantization Effects in the RLS Algorithm -- Analysis of
                    Set-Membership Affine Projection Algorithm -- Index.

Sommario/riassunto In the fifth edition of this textbook, author Paulo S.R. Diniz presents
                    updated text on the basic concepts of adaptive signal processing and
                    adaptive filtering. He first introduces the main classes of adaptive

filtering algorithms in a unified framework, using clear notations that facilitate actual implementation. Algorithms are described in tables, which are detailed enough to allow the reader to verify the covered concepts. Examples address up-to-date problems drawn from actual applications. Several chapters are expanded and a new chapter 'Kalman Filtering' is included. The book provides a concise background on adaptive filtering, including the family of LMS, affine projection, RLS, set-membership algorithms and Kalman filters, as well as nonlinear, sub-band, blind, IIR adaptive filtering, and more. Problems are included at the end of chapters. A MATLAB package is provided so the reader can solve new problems and test algorithms. The book also offers easy access to working algorithms for practicing engineers.