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3.4.4 Ventilation mechanisms3.4.5 Measurement; 3.4.6 Control strategies; 3.5 Sound parameters; 3.5.1 Parameters and definitions; 3.5.2 Mechanisms; 3.5.3 Sources of noise; 3.5.4 Measurement; 3.5.5 Control strategies; Part II: Health and Comfort in the Indoor Environment; 4. Past, Present and Future of Health and Comfort in the Indoor Environment; 4.1 Introduction; 4.2 Definition of health and comfort; 4.3 Drivers of health and comfort; 4.4 Link to Part III; 5. Defining Health and Comfort in the Indoor Environment; 5.1 Component-related approach
5.1.1 From thermal comfort to simulation and adaptive comfort5.1.2 From daylight entry and visual comfort to lighting and health; 5.1.3 From ventilation to source control; 5.1.4 From noise disturbance to noise, health and vibrations; 5.2 Bottom-up holistic approach; 5.2.1 More than one parameter; 5.2.2 Epidemiological studies; 5.2.3 Psycho-social effects; 5.3 Performance concepts and indicators; 5.3.1 Performance evaluations; 5.3.2 Financial evaluation; 5.3.3 Savings and productivity gains; 5.3.4 Health and comfort; 6. Drivers of Health and Comfort in the Indoor Environment
6.1 External drivers

Sommario/riassunto

Winner of the Choice Outstanding Academic Titles of 2010 award. Ensuring that buildings are healthy and comfortable for their occupants is a primary concern of all architects and building engineers. This highly practical handbook will help make that process more efficient and effective.It begins with a guide to how the human body and senses react to different indoor environmental conditions, together with basic information on the parameters of the indoor environment and problems that can occur. It then moves on to give a background to the development of the study and control of the indoor envir