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Nota di contenuto	COCHLEAR HEARING LOSS; Contents; Preface; 1 Physiological Aspects of Cochlear Hearing Loss; I INTRODUCTION; II LINEAR AND NONLINEAR SYSTEMS; III STRUCTURE AND FUNCTION OF THE OUTER AND MIDDLE EAR; IV STRUCTURE AND FUNCTION OF THE NORMAL COCHLEA; IV.1 THE COCHLEA, THE BASILAR MEMBRANE AND THE ORGAN OF CORTI; IV.2 TUNING ON THE BASILAR MEMBRANE; IV.3 THE NONLINEARITY OF INPUT-OUTPUT FUNCTIONS ON THE BASILAR MEMBRANE; IV.4 TWO-TONE SUPPRESSION; IV.5 COMBINATION TONE GENERATION; IV.6 RESPONSES OF THE BASILAR MEMBRANE TO COMPLEX SOUNDS; IV.7 OTOACOUSTIC EMISSIONS V NEURAL RESPONSES IN THE NORMAL AUDITORY NERVE.V.1 SPONTANEOUS FIRING RATES AND THRESHOLDS; V.2 TUNING CURVES AND ISO-RATE CONTOURS; V.3 RATE-VERSUS-LEVEL FUNCTIONS; V.4 TWO-TONE SUPPRESSION; V.5 PHASE LOCKING; VI TYPES OF HEARING LOSS; VII PHYSIOLOGY OF THE DAMAGED COCHLEA; VII.1 BASILAR MEMBRANE RESPONSES; VII.2 NEURAL RESPONSES; VII.3 STRUCTURE-FUNCTION CORRELATION; VII.4 OTOACOUSTIC EMISSIONS; VII.5 PHASE LOCKING; VIII CONCLUSIONS; 2 Absolute Thresholds; I INTRODUCTION;

II MEASURES OF ABSOLUTE THRESHOLD; II.1 MINIMUM AUDIBLE PRESSURE (MAP); II.2 MINIMUM AUDIBLE FIELD (MAF)
II.3 COMPARISON OF MAP AND MAFII.4 THE AUDIOGRAM; III
DESCRIPTIONS OF THE SEVERITY OF HEARING LOSS; IV CAUSES OF
HEARING LOSS DUE TO COCHLEAR DAMAGE; V PERCEPTUAL
CONSEQUENCES OF ELEVATED ABSOLUTE THRESHOLDS; 3 Masking,
Frequency Selectivity and Basilar Membrane Nonlinearity; I
INTRODUCTION; II THE MEASUREMENT OF FREQUENCY SELECTIVITY
USING MASKING; II.1 INTRODUCTION; II.2 THE POWER-SPECTRUM
MODEL; II.3 ESTIMATING THE SHAPE OF A FILTER; III ESTIMATING
FREQUENCY SELECTIVITY FROM MASKING EXPERIMENTS; III.1
PSYCHOPHYSICAL TUNING CURVES; III.2 THE NOTCHED-NOISE METHOD
IV CHARACTERISTICS OF THE AUDITORY FILTER IN NORMAL HEARINGIV.
1 VARIATION WITH CENTRE FREQUENCY; IV.2 VARIATION WITH LEVEL;
IV.3 SUMMARY; V MASKING PATTERNS AND EXCITATION PATTERNS; V.1
MASKING PATTERNS; V.2 RELATIONSHIP OF THE AUDITORY FILTER TO
THE EXCITATION PATTERN; V.3 CHANGES IN EXCITATION PATTERNS
WITH LEVEL; V.4 POSSIBLE EFFECTS OF SUPPRESSION; VI NON-
SIMULTANEOUS MASKING; VI.1 BASIC PROPERTIES OF NON-
SIMULTANEOUS MASKING; VI.2 EVIDENCE FOR SUPPRESSION FROM
NON-SIMULTANEOUS MASKING; VI.3 THE ENHANCEMENT OF
FREQUENCY SELECTIVITY REVEALED IN NON-SIMULTANEOUS MASKING
VI.4 RELATION BETWEEN THE GROWTH OF FORWARD MASKING AND
THE BASILAR MEMBRANE INPUT-OUTPUT FUNCTIONVII THE AUDIBILITY
OF PARTIALS IN COMPLEX TONES; VIII EFFECTS OF COCHLEAR DAMAGE
ON FREQUENCY SELECTIVITY IN SIMULTANEOUS MASKING; VIII.1
COMPLICATING FACTORS; VIII.2 PSYCHOPHYSICAL TUNING CURVES; VIII.
3 AUDITORY FILTER SHAPES MEASURED WITH NOTCHED NOISE; IX THE
USE OF MASKING TO DIAGNOSE DEAD REGIONS; IX.1 THE THRESHOLD-
EQUALIZING NOISE (TEN) TEST; IX.2 THE TEN(HL) TEST; IX.3
PREVALENCE OF DEAD REGIONS ASSESSED USING THE TEN(HL) TEST
X EFFECTS OF COCHLEAR DAMAGE ON FORWARD MASKING AND
SUPPRESSION

Sommario/riassunto

Since the first edition was published in 1998, considerable advances have been made in the fields of pitch perception and speech perception. In addition, there have been major changes in the way that hearing aids work, and the features they offer. This book will provide an understanding of the changes in perception that take place when a person has cochlear hearing loss so the reader understands not only what does happen, but why it happens. It interrelates physiological and perceptual data and presents both this and basic concepts in an integrated manner. The goal is to convey an understandin

2. Record Nr.	UNINA9910792038103321
Autore	Lewis Sian
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Nota di bibliografia	Includes bibliographical references (pages 247-257) and index.
Nota di contenuto	Cover; Title; Copyright Page; Contents; List of illustrations; Acknowledgements; Introduction; 1 Becoming visible; 2 Domestic labour; 3 Working women; 4 The women's room; 5 Women and men; Conclusion; Glossary; Abbreviations; Notes; Bibliography; Index
Sommario/riassunto	Here Sian Lewis considers the full range of female existence in classical

Greece - childhood and old age, unfree and foreign status, and the ageless woman characteristic of Athenian red-figure painting. Ceramics are an unparalleled resource for women's lives in ancient Greece, since they show a huge number of female types and activities. Yet it can be difficult to interpret the meanings of these images, especially when they seem to conflict with literary sources. This much-needed study shows that it is vital to see the vases as archaeology as well as art, since context is the key.
