

1. Record Nr.	UNINA9910813582003321
Autore	Picton T. W (Terence W.)
Titolo	Human auditory evoked potentials // Terence W. Picton
Pubbl/distr/stampa	San Diego, California ; ; Abingdon, England : , : Plural Publishing, Inc., , 2011 ©2011
ISBN	1-59756-622-5
Descrizione fisica	1 online resource (649 p.)
Disciplina	617.8/82
Soggetti	Auditory evoked response
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Contents; Preface; 1. Introduction: Past, Present, and Potential; 2. Recording Evoked Potentials: Means to an End; 3. Frequency Domain: Music of the Hemispheres; 4. Finding Sources: Forward and Backward; 5. Acoustic Stimuli: Sounds to Charm the Brain; 6. Interpreting the Waveforms: Time and Uncertainty; 7. Electrocochleography: From Song to Synapse; 8. Auditory Brainstem Responses: Peaks Along the Way; 9. Middle-Latency Responses: The Brain and the Brawn; 10. Auditory Steady-State and Following Responses: Dancing to the Rhythms 11. Late Auditory Evoked Potentials: Changing the Things Which Are 12. Endogenous Auditory Evoked Potentials: Attention Must Be Paid; 13. Infant Hearing Assessment: Opening Ears; 14. Neurotology and Neurology: From Cochlea to Cortex; 15. Auditory Neuropathy: When Time Is Broke; 16. Cochlear Implants: Body Electric; 17. Concluding Comments: Beginning to Live; Index
Sommario/riassunto	This book reviews how we can record the human brain's response to sounds, and how we can use these recordings to assess hearing.