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Autore	Rosenberg Michael J
Titolo	The agile approach to adaptive research [[electronic resource]] : optimizing efficiency in clinical development / / Michael J. Rosenberg
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2010
ISBN	1-282-54764-X 9786612547645 0-470-59968-5 0-470-59967-7
Descrizione fisica	1 online resource (296 p.)
Collana	Wiley series on technologies for the pharmaceutical industry
Disciplina	615/.19
Soggetti	Drug development Pharmaceutical industry
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The Agile Approach to Adaptive Research: Optimizing Efficiency in Clinical Development; Contents; Preface; Acknowledgments; 1 Opportunity for Efficiency; The Adaptive Solution; An Industrial Success Story; Signs of Trouble Ahead; Converging Challenges; The Struggle to Replace Lost Revenues; Clinical Research Is the Key; Behind the High Costs of Clinical Development; High Costs and Increasing Prices; Growing Pressures Mandate Greater Efficiency; The High Risk of Current Development Practices; Economic Consequences of Faster Clinical Development; Thriving in a New Era; References 2 Defining and Extending the Adaptive ApproachThe Adaptive Concept; Knowledge, Time, and Decision Making; The Value of Early Knowledge; The Spectrum of Design and Operational Adaptations; Maximizing the Adaptive Approach: Agile Clinical Development; Measure Performance in Real Time; Metrics in Action; Right Information to the Right Eyes at the Right Time; Make Timely Decisions; Organize Work in Lean Processes; Rework in Clinical Studies; Backflow of Patient Data; Match Technology with Tasks; Objections to Adaptive Methods; Integrity and Validity; The Regulatory Environment The Complexity of Clinical ResearchConclusion; References; 3 Design

Adaptations Part One: Finding the Right Dose; Background; Types of Design Adaptations; Order of Discussion; Dosing Nomenclature; Determining Maximum Safe Dose; Single Arm; Continual Reassessment Method; Other Bayesian Dose-Finding Methods; Determining Optimal Dose (Pruning); Multiple Arms; Improvements over Conventional Approaches to Dose Finding; Dose Selection in Practice; Optimizing Dose Selection; Minimizing Costs Versus Maximizing Information; Surrogate Endpoints; Conclusion; References

4 Design Adaptations Part Two: Additional Design Changes Sample-Size Reestimation; The Trouble with Planning Estimates; The High Cost of "Underbuilt" Studies; The Benefits of Reestimation and Rightsizing; Reestimation and Trial Stages; Rules to Restrict Reestimation; Adjusting Sample Size for Nuisance Parameters; Seamless Designs: Combining Multiple Phases; When to Consider Seamless Studies; Seamless Phase I/Phase II Trials; Seamless Phase II/Phase III Trials; Planning Issues in Seamless Trials; Phase I-II-III Designs; Adaptive Randomization; Response-Adaptive Randomization

Other Forms of Adaptive Randomization Other Types of Design Adaptations; Noninferiority-to-Superiority Design; Adaptive Hypotheses and Subpopulations; Treatment Switching; Conclusions; References; 5 Operational Adaptations; Design and Operational Adaptations; The Nature and Significance of Operational Adaptations; Implementing Operational Adaptations; Enrollment and Other Site Issues; Data Quality; Monitoring; Site Closeout and Database Lock; Supporting Functions for Efficient Operations; The Bottom Line; References; 6 Agile Clinical Development; Benefits of Agile Development

A Development Example

Sommario/riassunto

Apply adaptive research to improve results in drug development The pharmaceutical industry today faces a deepening crisis: inefficiency in its core business, the development of new drugs. The Agile Approach to Adaptive Research offers a solution. It outlines how adaptive research, using already-available tools and techniques, can enable the industry to streamline clinical trials and reach decision points faster and more efficiently. With a wealth of real-world cases and examples, author Michael Rosenberg gives readers a practical overview of drug development, the problems in

2. Record Nr.	UNINA9910962159303321
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Descrizione fisica	1 online resource (378 p.)
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Altri autori (Persone)	PoyatosFernando
Disciplina	418/.02
Soggetti	Nonverbal communication Translating and interpreting
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	NONVERBAL COMMUNICATION AND TRANSLATION -- Editorial page -- Title page -- Copyright page -- Dedication -- Table of contents -- Preface -- Acknowledgments -- Introduction -- 1. The contributions to the volume -- References -- Part 1. Discourse and Nonverbal Communication -- Aspects, problems and challenges of nonverbal communication in literary translation -- 1. Introduction -- 2. The physical and circumstantial conditioning elements of the reading experience -- 3. The physiological basis of text perception and interpretation: Vision and the reading act -- 4. The role of punctuation symbols -- 5. The speaking face and body of the character and its perception in the written text and its translation -- 6. Explicit presence of paralanguage in the text: Verbal description and visual transcription -- 7. Implicit presence of paralanguage in the text: Intersystemic co-structuration, personality, situational context and culture -- 8. The implicit presence of kinesic behaviors in the text -- 9. Audible kinesics: Quasiparalinguistic sounding movements -- 10. Environmental sounds -- 11. The echoic repertoire and the expressive richness of a language -- 12. Silences in the narrative text -- 13. The semiotic-communicative possibilities and the problems of representation and description -- 14. Multiple descriptions, ambiguous descriptions and functional

descriptions -- 15. Conclusion -- Notes -- References -- Literary references -- Discourse features in non-verbal communication Implications for the translator -- 1. Introduction -- 2. The graphically verbalized and the verbal proper -- 3. The writer's creative angle -- 4. The translator's position -- 5. The frame and scene model -- 6. Popular fiction: Socio-textual practice and the non-verbal -- 7. Graphically representational language in non-fiction -- 8. Conclusion -- Notes -- References.

Literary References -- Part 2. Cultures in Translation -- The identification of gestural images in Chinese literary expressions -- 1. Introduction -- 2. Written expressions with explicit gestural descriptions -- 3. Written expressions with less explicit gestural description -- 4. Gesturally based classical expressions -- 5. Some contrasts in cross-cultural observation in gestures -- 6. Some Chinese gestures and their European equivalents -- 7. The case of left and right -- 8. The case of Yes and No -- 9. The case of past and future -- Notes -- References and Bibliography -- Some aspects of Japanese cultural ethos embedded in nonverbal communicative behavior -- 1. Introduction -- 2. Importance of nonverbal communication in Japan -- 3. Different views in different cultures: Examples from eye movements -- 4. Japanese crying -- 5. Japanese smiling -- 6. Conclusion -- Notes -- References -- Literary References -- Part 3. Narrative Literature --

Alice abroad Dealing with descriptions and transcriptions of paralinguistic behavior in literary translation -- 1. Introduction -- 2. General considerations -- 3. Paralinguistic behavioremes in Alice in Wonderland -- 4. A functional classification of paralinguistic behavioremes -- 5. Translating paralinguistic behavior -- 6. Conclusion -- References -- The translation of gestures in the English and German versions of Manzoni's *I Promessi Sposi* -- 1. Introduction -- 2. A diachronic comparison: Gestures in *I Promessi Sposi* and in contemporary Italy -- 3. Gestures commonly used and widespread in the western world -- 4. Gestures no longer used or rarely used at present in the western world -- 5. A diatopic comparison: Gestures in *I Promessi Sposi* and in contemporary English and German speaking communities -- 6. The translator's intervention -- 7. Presence of illustrations of gestures -- 8. Conclusion -- Notes -- References.

Literary References -- Appendix of Figures -- Appendix of Tables -- Punctuation in Hans Christian Andersen's stories and in their translations into English -- 1. Punctuation in translation -- 2. Limitations of the transcriptional view of punctuation -- 3. In search of a better explanation -- 4. An example -- 5. Analyses -- 6. Conclusion -- Notes -- Text sources -- References -- Matching verbal and nonverbal communication in a Holocaust memoir and its translation -- 1. Introduction -- 2. The text -- 3. The linguistic analysis -- 4. The Interface of the verbal and nonverbal in the text -- 5. The translated text: The extralinguistic-nonverbal element -- 6. The translated text: The paralinguistic element -- 7. Conclusion -- References -- Part 4. Theater -- Is this a dagger which I see before me?" The non-verbal language of drama -- 1. Introduction -- 2. The theatrical sign as icon, index and symbol -- 3. Paralinguistic, kinesics, proxemics and the stage text -- 4. The stage text as sensory stimulus: A holistic approach -- 5. The non-verbal language of drama in translation -- Notes -- References -- Verbal and non-verbal constituents in theatrical texts and implications for translators -- 1. Introduction -- 2. Verbal and non-verbal communications -- 3. Conclusion -- References -- Part 5. Poetry -- Whose morsel of lips will you bite?" Some reflections on the role of prosody and genre as non-verbal elements in the translation of poetry -- 1. Introduction -- 2. Traditional rhetoric and the concept of

'genre': Esthetics vs. poetics -- 3. Physical aspects of poetry: Breathing and sound -- 4. The visual aspects of poetry -- 5. Aural aspects of poetry -- 6. Social aspects of poetry -- 7. A radical example of 'holistic' poetry translation: Zukofsky's 'Little' -- 8. By way of conclusion -- Glossary -- References -- Part 6. Interpretation. The reality of multichannel verbal-nonverbal communication in simultaneous and consecutive interpretation -- 1. Introduction -- 2. Verbal and nonverbal components in the interpretation situation -- 3. Interpretation in the total context of interpersonal and environmental interaction -- 4. The basic relationships of nonverbal systems to words -- 5. The limitation of words: Verbal ineffability and nonverbal expressiveness -- 6. The capacity of nonverbal systems to function grammatically in speech and the interpreter's 'oral footnotes' -- 7. The ten different realizations of language, paralinguistics and kinesics -- 8. The encoding-decoding problems between speaker, interpreter and listener in intercultural interaction -- 9. The chronemics of interpretation -- 10. Silence and stillness in the interpretation situation -- 11. The categories of visual nonverbal behaviors -- 12. The structure of conversation in the interpretation situation -- 13. Language, paralinguistics and kinesics in reduced interaction: Its problems and the interpreter's position and responsibility -- 14. Conclusion -- Notes -- References -- Kinesics and the simultaneous interpreter The advantages of listening with one's eyes and speaking with one's body -- 1. Introduction -- 2. Why interpreters insist on seeing what they are listening to -- 3. Why interpreters demand to see who is listening to them -- 4. Why interpreters would also like to see everybody else -- 5. Why interpreters cannot quite explain why -- 6. Why interpreters should be prepared to put their foot down whenever bereft of visual input -- 7. Why interpreters are well advised to interpret as if they were talking, gestures and all -- 8. Why all of the above should be very much taught and very much from the very beginning -- Notes -- References -- From Babel to Brussels Conference interpreting and the art of the impossible. 1. Introduction -- 2. How the message is scrambled -- 3. Joyful chaos: Some illustrative anecdotes -- 4. The art of the impossible: Unscrambling the message -- 5. Conclusion -- Notes -- References -- Part 7. The Audiovisual Channels for Translation: Film and Television Dubbing -- Translating non-verbal information in dubbing -- 1. Introduction: The importance of the mode of discourse in audiovisual texts -- 2. The degree of relevance of non-verbal information in traditional text-types -- 3. The interaction between verbal narration and visual narration -- 4. The role of non-verbal information in dubbing -- 5. Conclusion -- References -- Dubbing and the nonverbal dimension of translation -- 1. Introduction -- 2. Linguistic approaches to translation -- 3. Translation studies as a discipline -- 4. The priorities and restrictions of translation -- 5. Translating for the screen -- 6. Translating tactics and solutions -- 7. The semiotic and nonverbal dimension of translating -- 8. Conclusion -- References and Bibliography -- List of contributors -- Name index -- Subject index -- The series Benjamins Translation Library.

Sommario/riassunto

This is the first book, within the interdisciplinary field of Nonverbal Communication Studies, dealing with the specific tasks and problems involved in the translation of literary works as well as film and television texts, and in the live experience of simultaneous and consecutive interpretation. The theoretical and methodological ideas and models it contains should merit the interest not only of students of literature, professional translators and translationologists, interpreters, and those engaged in film and television dubbing, but also to literary

readers, film and theatergoers, linguists and psycholinguists, semioticians, communicologists, and crosscultural anthropologists. Its sixteen contributions by translation scholars and professional interpreters from fifteen countries, deal with discourse in translation, intercultural problems, narrative literature, theater, poetry, interpretation, and film and television dubbing.

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Autore	Hanzo Lajos <1952->
Titolo	Voice and audio compression for wireless communications // Lajos Hanzo, F. Clare Somerville, Jason Woodard
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ISBN	9786611840372 9781281840370 1281840378 9780470516034 0470516038 9780470516027 047051602X
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (881 p.)
Altri autori (Persone)	SomervilleF. Clare A WoodardJason P
Disciplina	621.384
Soggetti	Compressed speech Speech processing systems Telecommunication systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"IEEE Press; IEEE Communications Society, sponsor." Rev. ed. of: Voice compression and communications, c2001.
Nota di bibliografia	Includes bibliographical references (p.[797]-823) and indexes.
Nota di contenuto	About the Authors -- Other Wiley and IEEE Press Books on Related Topics -- Preface and Motivation -- Acknowledgements -- 1 Speech Signals andWaveform Coding -- 2 Predictive Coding -- 3 Analysis-by-synthesis Principles -- 4 Speech Spectral Quantization -- 5 RPE Coding

-- 6 Forward-Adaptive CELP Coding -- 7 Standard CELP Codecs -- 8 Backward-Adaptive CELP Coding -- 9 Wideband Speech Coding -- 10 MPEG-4 Audio Compression and Transmission -- 11 Overview of Low-rate Speech Coding -- 12 Linear Predictive Vocoder -- 13 Wavelets and Pitch Detection -- 14 Zinc Function Excitation -- 15 Mixed-Multiband Excitation -- 16 Sinusoidal Transform Coding Below 4kbps -- 17 Conclusions on Low Rate Coding -- 18 Comparison of Speech Transceivers -- 19 Voice Over the Internet Protocol -- A Constructing the Quadratic Spline Wavelets -- B Zinc Function Excitation -- C Probability Density Function for Amplitudes -- Bibliography -- Index -- Author Index.

Sommario/riassunto

Voice communications remains the most important facet of mobile radio services, which may be delivered over conventional fixed links, the Internet or wireless channels. This all-encompassing volume reports on the entire 50-year history of voice compression, on recent audio compression techniques and the protection as well as transmission of these signals in hostile wireless propagation environments. Audio and Voice Compression for Wireless and Wireline Communications, Second Edition is divided into four parts with Part I covering the basics, while Part II outlines the design of analysis-by-synthesis coding, including a 100-page chapter on virtually all existing standardised speech codecs. The focus of Part III is on wideband and audio coding as well as transmission. Finally, Part IV concludes the book with a range of very low rate encoding techniques, scanning a range of research-oriented topics. . Fully updated and revised second edition of "Voice Compression and Communications", expanded to cover Audio features. Includes two new chapters, on narrowband and wideband AMR coding, and MPEG audio coding. Addresses the new developments in the field of wideband speech and audio compression. Covers compression, error resilience and error correction coding, as well as transmission aspects, including cutting-edge turbo transceivers. Presents both the historic and current view of speech compression and communications. Covering fundamental concepts in a non-mathematical way before moving to detailed discussions of theoretical principles, future concepts and solutions to various specific wireless voice communication problems, this book will appeal to both advanced readers and those with a background knowledge of signal processing and communications.
