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Autore	Krapohl Donald J.
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Conclusion; References; Chapter 4: Data collection; Explaining Sensors to the Examinee; General Introduction; Pneumographs; Electrodermal; Photoplethysmograph; Cardiovascular; Motion Sensor; Sensor Placement; Pneumograph Sensors; Electrodermal Sensors; Photoplethysmograph Sensor; Blood pressure Cuff; Motion Sensor; Tracing Appearance; Pneumograph Troubleshooting; Electrodermal; Troubleshooting; Photoplethysmograph; Motion Sensor; Cardiovascular; Appearance of the Chart; Final Comment; Reference; Recommended Readings; Chapter 5: Analysis of polygraph data; Definitions; Other Definitions; How to Approach Chart Interpretation; Features; Electrodermal; EDR Exemplars; Amplitude; Cardiovascular; Cardiovascular Exemplars; Artifacts in the Cardiovascular Channel; Vasomotor; Pneumograph; Suppression; Slowing; Baseline Rise; Movement Sensor; Scoring Systems; About 7-Position Scoring; About 3-Position Scoring; About the ESS; Scoring Rules
Response Windows
Scoring the Pneumograph; Scoring the Electrodermal Channel; Scoring the Cardiograph; Scoring the PPG; Rank Order Scoring; Decision Rules; Multiple-Issue and Multiple-Facet Examinations; 7- and 3-Position Scoring; Empirical Scoring System; Single-Issue Examinations: Investigative; Federal Zone Comparison Technique; "You Phase"; Utah Probable-Lie Test; Single-Issue Examinations: Evidentiary; Global Analysis; Purposeful Non-cooperation; References; Chapter 6: Polygraph screening; Overview; Successive Hurdles; Test Topics; Adjudications; Recording; Surveys
Significant Case Tracking

Sommario/riassunto

Though polygraph has been the mainstay for government and police departments since World War II, it has undergone substantial transformation in recent years. *Fundamentals of Polygraph Practice* bridges the gap between the outmoded practices and today's validated testing and analysis protocols. The goal of this reference is to thoroughly and concisely describe the evidence-based practices of polygraphy. Coverage will include: psychophysiology, testing techniques, data collection, data analysis, ethics, polygraph law, alternate technologies and much more. This text addresses the foundational need
