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Sommario/riassunto	"This book is a reference that makes a connection between developments in computer technology infrastructure management. It provides a unique form for computational techniques and state-of-the-art automation applications. It contains the fundamental emerging technologies and methods in both automation and computational intelligence, beginning with a widespread overview of the field followed a detailed presentation of the methodology. This book specifically focuses on very recent advances in maintenance and management of infrastructures robotics, automated inspection, remote sensing, and application of new and emerging computing like artificial intelligence, evolutionary computing, fuzzy logic, genetic algorithms, knowledge discovery and engineering, machine learning, neural network computing, optimization and search, parallel processing, vision and image processing."--

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Support networks -- Part 4: Creating positive change -- Chapter 20: Research priorities -- Chapter 21: Research translation and projects that are making a difference -- Chapter 22: Health system challenges and cultural safety -- Chapter 23: Public health interventions and targeted campaigns -- Chapter 24: Building the health workforce -- Chapter 25: The role of health and patient navigators -- Chapter 26: Traditional medicine and approaches to treatment and care -- Chapter 27: Engaging with the community -- Chapter 28: Indigenous leadership and data sovereignty -- Chapter 29: Living well with cancer -- Chapter 30: Cancer control policies and frameworks -- Part 5: Emerging issues and technologies -- Chapter 31: Genomics -- Chapter 32: Technology and cancer care -- Chapter 33:Personalized medicine -- Chapter 34: New approaches to screening -- Chapter 35: Biobanking.

Sommario/riassunto

Although cancer survival has improved markedly in developed countries in recent decades, not all groups have benefited equally. In particular, Indigenous and Tribal peoples continue to have poorer cancer outcomes than their non-Indigenous counterparts. The available evidence suggests these disparities are linked to a complex combination of factors, including higher incidence of cancers associated with a high case fatality, later stage of diagnosis, reduced access to cancer treatment, and poorer overall health. Much research is underway to explore approaches to improving health system responses for Indigenous and Tribal peoples. A developing evidence base is supporting effective translation of knowledge into practice. This book offers a global perspective on this evidence base, written from Indigenous perspectives. This book is the first comprehensive publication to report on cancer incidence, mortality, prevalence, survival, and inequities for Indigenous and Tribal peoples globally, with the aim of enhancing global efforts to improve outcomes for these populations. Its content and approach are led by Indigenous researchers with international reputations in health and cancer research. Chapters provide important information and data to support Indigenous-specific, targeted cancer awareness and early detection campaigns. This book goes beyond a discussion of the issues and challenges in Indigenous health, with a strengths-based approach to discussing successful health interventions, research projects, research translation, and living well – both with and beyond cancer. This is an open access book.