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Nota di contenuto	Music, Neural Science and Music Therapy -- Musical Training Induced Changes in Intra- and Inter-network Functional Connectivity -- Research on the Improvement of Children's Attention through Binaural Beats Music Therapy in the Context of AI Music Generation -- Generated Therapeutic Music Based on the ISO Principle -- Multimodality in Music -- Utilizing Quantum Particle Swarm Optimization for Multimodal Fusion of Gestures and Facial Expressions in Ensemble Conducting for Emotional Recognition -- Guqin Jianzi Notation Transcription Based on Language Model -- Music Generation -- Towards the Implementation of an Automatic Composition System for Popular Songs -- CoCoFormer: A Controllable Feature-rich Polyphonic Music Generation Method -- C2-MAGIC: Chord-Controllable Multi-track Accompaniment Generation with Interpretability and Creativity -- HRPE: Hierarchical Relative Positional Encoding for Transformer-based Structured Symbolic Music Generation -- Chinese Chorales Dataset: A High-Quality Music Dataset for Score Generation.
Sommario/riassunto	This book constitutes the refereed proceedings of the Second Summit on Music Intelligence, SOMI 2023, held in Beijing, China, during October 28–30, 2023. The 10 full papers included in this book were carefully reviewed and selected from 27 submissions. They were

organized in topical sections as follows: Music, Neural Science and Music Therapy, Multimodality in Music and Music Generation.
