1. Record Nr. UNINA9910136267703321

Autore	Patteson Thomas
Titolo	Instruments for New Music : Sound, Technology, and Modernism / / Thomas Patteson
Pubbl/distr/stampa	United States : , : University of California Press, , 2016
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xii, 236 pages) : : illustrations, music ;
Disciplina	784.1909/04
Soggetti	Music - Philosophy and aesthetics Electronic musical instruments - History Music and technology - History Musical instruments Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (pages 209-228) and index.
Nota di contenuto	Listening to instruments -- "The joy of precision" : mechanical instruments and the aesthetics of automation -- "The alchemy of tone" : Jorg Mager and electric music -- "Sonic handwriting" : media instruments and musical inscription -- "A new, perfect musical instrument" : the trautonium and electric music in the 1930s -- The expanding instrumentarium.
Sommario/riassunto	Player pianos, radio-electric circuits, gramophone records, and optical sound film—these were the cutting-edge acoustic technologies of the early twentieth century, and for many musicians and artists of the time, these devices were also the implements of a musical revolution. Instruments for New Music traces a diffuse network of cultural agents who shared the belief that a truly modern music could be attained only through a radical challenge to the technological foundations of the art. Centered in Germany during the 1920's and 1930's, the movement to create new instruments encompassed a broad spectrum of experiments, from the exploration of microtonal tunings and exotic tone colors to the ability to compose directly for automatic musical machines. This movement comprised composers, inventors, and visual artists, including Paul Hindemith, Ernst Toch, Jörg Mager, Friedrich

Trautwein, László Moholy-Nagy, Walter Ruttmann, and Oskar Fischinger. Patteson’s fascinating study combines an artifact-oriented history of new music in the early twentieth century with an astute revisiting of still-relevant debates about the relationship between technology and the arts.

2. Record Nr. UNINA9910346690903321

Autore	Punturo Rosalda
Titolo	Mineral Fibres / Rosalda Punturo, Robert Kusiorowski, Andrea Bloise, Lola Pereira
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019 Basel, Switzerland : , : MDPI, , 2019
ISBN	9783039211456 3039211455
Descrizione fisica	1 electronic resource (118 p.)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	In the last decades, there has been increasing interest in Naturally Occurring Asbestos (NOA) and asbestos containing materials (ACMs) as a source of possible environmental risk. A crucial theme of interest related to environmental pollution is the enhanced mobilization of asbestos minerals affecting soils and rocks due to human activities (e. g., road construction, mining activity) in comparison with natural weathering processes. The volume has aimed to gather contributions and to compare results derived from various experiences of research groups regarding NOA minerals as a source of possible environmental risks for population. Case studies from various geological contexts are presented. Moreover, contributions presenting novel and classical approaches for ACM inertization and recycling, together with possible solutions for reducing asbestos exposure, has been also presented.