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Titolo	Seismic isolation strategies for earthquake-resistant construction : emerging opportunities // Mikayel Melkumyan
Pubbl/distr/stampa	Newcastle upon Tyne, UK : , : Cambridge Scholars Publishing, , 2019
ISBN	1-5275-1942-2
Descrizione fisica	1 online resource (268 pages)
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Lingua di pubblicazione	Inglese
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Nota di contenuto	Intro -- Table of Contents -- Chapter One -- Chapter Two -- Chapter Three -- Chapter Four -- Chapter Five -- Chapter Six -- About the Author.
Sommario/riassunto	Earthquakes are catastrophic events that cause huge economic losses due to the vulnerability of the existing building stock. However, collapses of vulnerable buildings can be avoided if preventative measures, such as enhancement of their earthquake resistance, are implemented on time. This book will allow the reader to become acquainted with a number of unique, modern and cost-effective seismic isolation strategies, which can be easily, and in very short periods of time, and without interruption of the use of the buildings, implemented with high efficiency in existing buildings, making them earthquake proof. An important aspect here is that the book's seismic isolation strategies are demonstrated on real examples of existing buildings with different structural systems, such as reinforced concrete frame buildings with shear walls and stone buildings with load-bearing walls. The cost-effectiveness of the suggested strategies is further proved by comparative analyses carried out for buildings both with and without seismic isolation systems.

2. Record Nr.	UNINA9910896856103321
Titolo	Episode 43: A 32-Year-Old with Fever and Abdominal Pain
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