

- | | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910689319803321 |
| Titolo | Implementation of the interethnic adoption amendments : hearing before the Subcommittee on Human Resources of the Committee on Ways and Means, House of Representatives, One Hundred Fifth Congress, second session, September 15, 1998 |
| Descrizione fisica | 1 online resource (iii, 188 p.) : ill |
| Soggetti | Interracial adoption - United States
Interethnic adoption - Law and legislation - United States |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| 2. Record Nr. | UNINA9910557621403321 |
| Autore | Davino Daniele |
| Titolo | Smart Materials and Devices for Energy Harvesting |
| Pubbl/distr/stampa | Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022 |
| Descrizione fisica | 1 online resource (218 p.) |
| Soggetti | History of engineering and technology
Technology: general issues |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Sommario/riassunto | This book is devoted to energy harvesting from smart materials and devices. It focusses on the latest available techniques recently published by researchers all over the world. Energy Harvesting allows otherwise wasted environmental energy to be converted into electric energy, such as vibrations, wind and solar energy. It is a common |

experience that the limiting factor for wearable electronics, such as smartphones or wearable bands, or for wireless sensors in harsh environments, is the finite energy stored in onboard batteries. Therefore, the answer to the battery "charge or change" issue is energy harvesting because it converts the energy in the precise location where it is needed. In order to achieve this, suitable smart materials are needed, such as piezoelectrics or magnetostrictives. Moreover, energy harvesting may also be exploited for other crucial applications, such as for the powering of implantable medical/sensing devices for humans and animals. Therefore, energy harvesting from smart materials will become increasingly important in the future. This book provides a broad perspective on this topic for researchers and readers with both physics and engineering backgrounds.
