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| Titolo                  | Brick and block masonry : trends, innovations and challenges / / editors C. Modena, F. da Porto and M. R. Valluzzi, University of Padova, Italy  |
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| ISBN                    | 1-315-34266-9<br>1-315-37496-X<br>1-4987-9592-7  |
| Edizione                | [1st ed.]  |
| Descrizione fisica      | 1 online resource (2,558 pages) : illustrations, photographs   |
| Collana                 | Balkema Book   |
| Disciplina              | 693.1  |
| Soggetti                | Masonry  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | "A Balkema book."<br>Proceedings of the 16th International Brick and Block Masonry Conference (IBMAC 2016), 26-30 June 2016, Padova, Italy.  |
| Nota di bibliografia    | Includes bibliographical references at the end of each chapters and index.   |
| Nota di contenuto       | Keynotes -- Analysis of masonry structures -- Bond of composites to masonry -- Building physics and durability -- Case studies -- Codes and standards -- Conservation of historic buildings -- Earthen constructions -- Eco-materials and sustainability -- Fire resistance, blasts and impacts -- Masonry bridges, arches and vaults -- Masonry infill walls and RC frames -- Masonry materials and testing -- Masonry repair and strengthening -- New construction techniques/technologies -- Reinforced and confined masonry -- Seismic performance and vulnerability assessment. |
| Sommario/riassunto      | Brick and Block Masonry - Trends, Innovations and Challenges contains the lectures and regular papers presented at the 16th International Brick and Block Masonry Conference (Padova, Italy, 26-30 June 2016). In an ever-changing world, in which innovations are rapidly implemented but soon surpassed, the challenge for masonry, the oldest and most traditional building material, is that it can address the increasingly pressing requirements of quality of living, safety, and sustainability. This abstracts volume and full paper USB device,                            |

focusing on challenges, innovations, trends and ideas related to masonry, in both research and building practice, will prove to be a valuable source of information for researchers and practitioners, masonry industries and building management authorities, construction professionals and educators.

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