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# *Mechanical characterisation of masonry in existing structures by means of laboratory and in-situ experimental techniques*

-errata-

**Albert Cabané Cañas**

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**Ph.D. Dissertation**



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**Mechanical characterisation of masonry in existing structures by means of  
laboratory and in-situ experimental techniques**

**Ph.D. Dissertation:** Albert Cabané Cañas

Departament d'Enginyeria Civil i Ambiental

Programa de Doctorat en Enginyeria de la Construcció

Barcelona, April 2023

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**Co-Supervisor:** Luca Pelà

**Errata for thesis, *Mechanical characterisation of masonry in existing structures by means of laboratory and in-situ experimental techniques***

8<sup>th</sup> September 2023

Please note that some or all of the following errata may be corrected in future reprints of the thesis, thus they may not appear in your hard/ or electronic copy of the text.

1. There is an omission on page ii at the end of paragraph 1. The paragraph should include the following sentence at the end: "I would like to specially thank my uncle Javi for always guiding me to find knowledge in everything from early on."
2. On page 74, line 20, there is a reference error in the phrase "(Fig. 27a to Fig. 27t)." The correct reference should be "(Fig. 27a to Fig.27r)."
3. On page 78, line 20, there is a punctuation error in the phrase "lateral expansion. , until the expansion." The correction should be "lateral expansion, and the expansion."
4. On page 83, in Table 25, there is an error where the Page information for silicalcium limestone bricks is duplicated. The correction should cancel this column.
5. On page 88, in Figure 33, there is a reference error. The value of extruded brick ('Ex') with cement mortar is 41.5 MPa, not 51.5 MPa, as indicated in the text.
6. On page 101, in Figure 36, there is an error due to the lack of references for the photographs. References A - B - C should be included for each of the images.
7. On page 103, there is a nomenclature error in the value of the Gaussian curve, which should have a value of 99.7% and not 97.7%. This modification is included in the text in the sentences on rows 8 and 17.
8. On page 104, in Figure 37, there is a nomenclature error, and the Gaussian curve should have a value of 99.7%, not 97.7%. This modification is included in the image description.

9. On page 113, in Figure 39, there is a nomenclature error, and specimens labelled with (U) should be labelled with (S).
10. On page 130, in line 35, there is a reference error in the phrase "Vekey [209] presented the PPT in 1991." The phrase should be modified to "Vekey [209] presented the HPT in 1991."
11. On pages 140-141, in Table 25, there is a pagination error, where half of the table's descriptive text is on page 140 and should all be on page 141.
12. On page 143, in Figure 50, there is a scale error on the horizontal axis, and the numbering should go up to the value of 9.
13. On page 153, in the penultimate point of the enumeration, there is a punctuation error in the phrase "strength and . slenderness for." The correction should be without the period: "strength and slenderness for."
14. On page 154, in the first point of the enumeration, there is a punctuation error in the phrase "has a limited.influence." The correction should be without the period: "has a limited influence."
15. On page 155, in the second point of the enumeration, there is an omission in the phrase "compressive strength of solid clay bricks based on MDT measurements." The correction should include "compressive strength of solid clay bricks or mortar joints based on MDT measurements."