Boolean Expressions: Contemporary Art and Mathematical data
Exhibition and catalogue produced in association with the College of Science, Engineering and Food Science, UCC and George Boole 200, UCC. University College Cork, 2015

The catalogue Boolean Expressions: Contemporary art and mathematical data, was produced from an exhibition of the same name curated by Fiona Kearney to mark the bicentenary celebrations of mathematician George Boole, the first Professor of Mathematics at Queen's College Cork (UCC) under the banner of George Boole 200. Boole’s logic gates play a crucial role in modern computing.

“Through an extensive programme of events, the life and works of George Boole was celebrated culminating with the establishment at the university of the George Boole legacy which will enable the ongoing celebration of George Boole and the long established tradition of world-class research in academic disciplines associated with him.

As part of the George Boole 200 celebrations at University College Cork, the Lewis Glucksman Gallery presented BOOLEAN EXPRESSIONS: Contemporary art and mathematical data, an exhibition that explores the ways in which artists use mathematical ideas and systems in their work. BOOLEAN EXPRESSIONS demonstrated the creative synergies between scientific and artistic thinking and invited audiences to explore mathematical concepts, the impact of big data on contemporary life, the ways in which systems and codes support creative production, and how artists have used logic and technology for their own artistic purposes. “ Glucksman Gallery

Artists were selected for the show because of the way in which their work engages with these mathematical principals and included Darren Almond, Aram Bartholl, Mel Bochner, Hanne Darboven, John Gerrard, Sol LeWitt, Tatsuo Mijajima, Aisling O’Beirn, Matthew Ritchie, Lynne Woods Turner. O’Beirn was invited to make a work responding to Boole’s mathematical work for the show.

The catalogue features a forward by Michael Murphy, President, University College Cork, Boolean Expressions introduction by Fiona Kearney, curator And or Not, essay by Brian Fay and Math Happens, essay by Lucy Dawe Lane

Extracts pertaining to O’Beirn’s work from the catalogue reproduced below by kind permission of the Glucksman Gallery.

https://www.glucksmanshop.com/boolean-expressions.html

http://www.glucksman.org/exhibitions/boolean_expressions

https://georgeboole200.ucc.ie
Aisling O’Beirn

[Aisling O’Beirn was born in Ireland in 1949 and is a prominent artist in contemporary Irish art. Her work is characterized by a strong sense of simplicity and an exploration of the relationship between space and form. O’Beirn’s sculptures often consist of simple geometric forms, which she uses to create engaging spatial relationships.

In her recent work, O’Beirn has been exploring the use of found materials and the interplay between light and shadow. Her installations are often site-specific, responding to the unique characteristics of the space in which they are exhibited. O’Beirn’s works have been shown in numerous exhibitions and galleries in Ireland and internationally, including the Beanery, Derry; the Hugh Lane Gallery, Dublin; the Crawford Art Gallery, Cork; and the National Gallery of Ireland, Dublin.

O’Beirn has received many awards and distinctions for her work, including the Prix de la Jeune Imaginaire at the 2015 Venice Biennale. Her work is held in various public and private collections, including the National Gallery of Ireland, the Hugh Lane Gallery, and the Arts Council of Northern Ireland. She has also taught at a number of universities in Ireland and beyond.]