

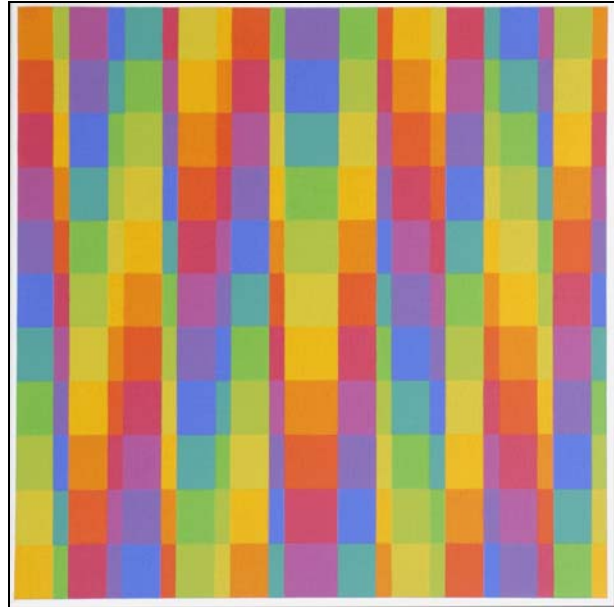
OF MIND AND EYE: COMBINATIONS ON CANVAS

An LKL Maths-Art seminar by
Raymond Brownell
Tuesday 14 October, 6.00–7.30pm
ROOM 746, INSTITUTE OF
EDUCATION, 20 BEDFORD WAY,
WC1H 0AL

Raymond Brownell's work is inspired by the ideas and principles of the concrete art movement, artists who based their work on mathematical concepts and logical procedures. For Raymond, aspects of number theory, especially permutations and combinations, suggested a rich potential for exploration, with the aim of revealing, through the medium of colour on canvas, the fascinating structure and inter-relationships half-hidden in mathematical formulations. 'Latin squares' have been an area of particular interest. With time, an increasing awareness grew of the complex issues involved in conveying mathematical ideas to others, via visual artworks.

The presentation will explain the history and background influences behind this approach, then show how the development process operates to produce individual paintings, followed by a brief review to give an idea of the further range of work. Finally, some wider issues will be discussed, such as those arising from individual subjective response to logical but emotionally neutral work, the suitability of the shifting unpredictable medium of colour as a vehicle for rigorously logical ideas, and the dichotomy between these two aspects – the instinctual and the reflective.

All welcome. No registration or ticket required, but an email to lkl.maths.art@gmail.com is appreciated to assist with planning.



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Now based in Lewes, East Sussex, Raymond was born and grew up in Hobart, Tasmania, where he qualified as an architect in 1959. Then followed an international career, with periods working in Denmark and Sydney for the Sydney Opera House project, and later, on major projects in Paris, Edinburgh, Tripoli, and London. During these years, a keen interest in art was developed from many stimulating exhibitions, although time for painting was hard to find. However for the past ten years Raymond has been able to paint full time, and his work has been shown in solo and group exhibitions in London and the south-east, as well as in France, and Australia.

LKL Maths-Art seminar series

Website and archive: www.lkl.ac.uk/events/maths-art

This seminar is part of a regular series of maths-art seminars held at the London Knowledge Lab, usually on the second Tuesday of each month during term times. To receive email announcements about events, subscribe to the mailing list at:

www.dcs.bbk.ac.uk/mailman/listinfo/lkl-maths-art .

We propose these seminars as explorations of the connections between "mathematics" and "art", where both terms are understood broadly: art implies visual art (painting, drawing, sculpture, computer graphics, video), architecture, music, textile art, literature/poetry (and others), and mathematics implies both mathematics as a discipline and the related disciplines in science and engineering for which mathematics is an essential means of expression and communication.

Next seminars: November 4: Special joint meeting with the Computer Arts Society, *RULES: algorithms / structures / intuition*; December 9: Daniel Piker, *Intuitive Geometry*; December 12: Special afternoon seminar, *Anamorphic art: A technical & demonstrations seminar*.

The seminar organisers are John Sharp and Phillip Kent. We welcome your suggestions about speakers or topics for future seminars; email us at lkl.maths.art@gmail.com .

Seminars are normally held at the London Knowledge Lab, 23–29 Emerald St, WC1N 3QS. Special venue for this seminar only.