

## PAPERS OF LANCELOT STEPHEN BOSANQUET

Lancelot Stephen Bosanquet was born on 26 December 1903, the son of C C C Bosanquet. He went to school at Lancing where he won a scholarship to read mathematics at Balliol College Oxford. After graduation Bosanquet worked for a DPhil under G H Hardy who was a major influence on his career. After being awarded the DPhil in 1929 he took a post as a lecturer at University College London, where he remained for the whole of his academic career, becoming Reader in 1936 and Professor in 1966. On retirement from UCL Bosanquet moved to Cambridge where he died in 1984.

Bosanquet's career took him into various areas of mathematics. Amongst other aspects of his subject he published on Fourier series, fractional integration, mean value theorems, convergence and summability factors and Tauberian theorems. He is remembered as being a rigorous scholar who was intellectually generous to colleagues and pupils alike.

The material in this collection consists for a large part of a long series of research notebooks beginning in 1938 and running through to the early 1970s. Additionally there are some student notes and notes of Hardy's lectures – which complement those of Bosanquet's brother-in-law E H Linfoot.

## PAPERS OF LANCELOT STEPHEN BOSANQUET

A	<b>Research Notebooks (including postgraduate lectures)</b>	
	The earlier part of this series of notebooks was numbered by Bosanquet, and includes some notes for postgraduate lectures, which are retained as part of the series. Later volumes were not numbered by Bosanquet, but are clearly a continuation of the series.	
A1	Research notebook I (1 vol)	1938-40
A2	Research notebook II (1 vol)	1941-42
A3	Research notebook III (1 vol)	1942-44
A4	Research notebook IV: notes on Dirichlet series (1 vol)	1945
A5	Research notebook V (1 vol)	1948
A6	Research notebook VI: notes on Dirichlet series (1 vol)	1945-46
A7	Research notebook VII (1 vol)	1948
A8	Research notebook VIII (1 vol)	1952-53
A9	Research notebook IX (1 vol)	1955-57
A10	Research notebook X (1 vol)	1957-59
A11	Research notebook XI (1 vol)	1960
A12	Research notebook XII (1 vol)	[1961]
A13	Research notebook XIII (1 vol)	1961
A14	Research notebook XIV (1 vol)	1962
A15	Research notebook XV (1 vol)	1962
A16	Research notebook XVI (1 vol)	1962
A17	Research notebook XVII (1 vol)	1962
A18	Research notebook XVIII (1 vol)	1962
A19	Research notebook XIX (1 vol)	1962
A20	Research notebook XX (1 vol)	[1962]
A21	Research notebook XXI (postgraduate lectures) (1 vol)	1962-63
A22	Research notebook XXII (postgraduate lectures) (1 vol)	1962-63
A23	Research notebook XXIII (1 vol)	1963
A24	Research notebook XXIV (1 vol)	1963
A25	Research notebook XXV (1 vol)	1963
A26	Research notebook XXVI (1 vol)	1963
A27	Research notebook XXVII (1 vol)	1963
A28	Research notebook XXVIII (1 vol)	1963
A29	Research notebook XXIX (postgraduate lectures) (1 vol)	1964
A30	Research notebook XXX (1 vol)	1964
A31	Research notebook XXXI (1 vol)	1964
A32	Research notebook XXXII (1 vol)	1964
A33	Research notebook XXXIII (1 vol)	1964
A34	Research notebook XXXIV (1 vol)	[1965]
A35	Research notebook XXXV (1 vol)	1965-66

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A36	Research notebook (1 vol)	[1966]
A37	Research notebook XXXVI (1 vol)	1966
A38	Research notebook XXXVII (1 vol)	[1966]
A39	Research notebook XXXVIII (1 vol)	1966
A40	Research notebook XXXIX (1 vol)	1966
A41	Research notebook XL (1 vol)	1967
A42	Research notebook XLI (1 vol)	1967
A43	Research notebook XLII (1 vol)	1967
A44	Research notebook XLIII (1 vol)	1967
A45	Research notebook XLIV (1 vol)	1967-68
A46	Research notebook XLV (1 vol)	[1968]
A47	Research notebook XLVI (1 vol)	1968
A48	Research notebook XLVII (1 vol)	1968
A49	Research notebook XLVIII: notes on Kakeya, Kaluza and Kuttner (1 vol)	1968
A50	Research notebook XLIX (1 vol)	1968
A51	Research notebook L (postgraduate lectures) (1 vol)	1968
A52	Research notebook LI (1 vol)	[1968]
A53	Research notebook (1 vol)	1968
A54	Research notebook (1 vol)	[1968]
A55	Research notebook (1 vol)	[1968]
A56	Research notebook (postgraduate lectures on Hardy's published papers) (1 vol)	1968-69
A57	Research notebook (postgraduate lectures on Hardy's published papers) (1 vol)	1968-69
A58	Research notebook (postgraduate lectures on Hardy's published papers) (1 vol)	1968-69
A59	Research notebook: seminar (1 vol)	1969
A60	Research notebook (1 vol)	1969
A61	Research notebook (1 vol)	1969
A62	Research notebook (1 vol)	[1969]
A63	Research notebook (1 vol)	1969
A64	Research notebook (1 vol)	1969-70, 1979
A65	Research notebook (1 vol)	1970
A66	Research notebook (1 vol)	1971
A67	Research notebook (1 vol)	1971
A68	Research notebook (1 vol)	c1971

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B	<b>Notes</b>	
B1	Notes for a number of lectures including LSB's inaugural (1 folder)	1948-67
B2	Notes including those for a lecture on Hardy and his work (1 folder)	c1946-68
B3	Notes on papers by P Hartman and A Wintner (1 folder)	1952-54
B4	Notes, possibly for a series of postgraduate lectures (1 folder)	1950s
B5	Notes on a paper by Meyer-Konig and Tietz on Tauberian theorems (1 folder)	1968
B6	Notes for a lecture on "An inequality implicit in a statement by G H Hardy" (1 folder)	1972
B7	Notes relating to matrix transformations (1 folder)	1975
B8	Notes connected with the editing of the Theory of Series; part of J E Littlewood's collected papers (1 folder) <i>box</i>	1979-81
B9	Notes and drafts for "Conveyance and summability factors in a sequence (II) (2 boxes)	1977-81
C	<b>Lecture notebooks</b>	
	See also student notes below, which may be notes of lectures	
C1	"Odds and Ends from Hardy" (1 vol)	1924
C2	G H Hardy: Theory of numbers (1 vol)	Mich 1924
C3	G H Hardy: Chapters from the Theory of Functions (1 vol)	Jan-Mar 1925
C4	G H Hardy: Tauberian theorems, theory of transfinite numbers, Fourier series (1 vol)	Mich 1925
C5	Notes of Hardy's lectures (1 vol)	Nov 1925
D	<b>Student notes</b>	
	Some of these volumes may be notes of lectures attended by Bosanquet and thus belong to the series above.	
D1	Waring's problem (1 vol)	n.d.
D2	Modular group of linear substitutions (1 vol)	n.d.
D3	A chapter from the analytical theory of numbers (1 vol)	Jan 1926
D4	Trigonometrical series (1 vol)	Feb 1927
D5	Miscellaneous notes made while Bosanquet was a student (1 folder)	1928-29
E	<b>Publications</b>	
E1	Articles published by LSB (1 box)	1928-83

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F	<b>Correspondence</b>	
F1	Letter from G H Hardy to LSB (1 doc)	c1928
F2	Correspondence and notes relating to a paper "On the absolute summability of infinite series" by George Shapiro (1 folder)	1950-59
F3	Correspondence with R P Boas (1 folder)	1952
F4	Correspondence with C Yogachandran (1 folder)	1969-77
F5	Correspondence with Ursula Westphal (1 folder)	1973-75
F6	Correspondence with E Gorlich (1 folder)	1975
F7	Correspondence with J L Brenner (1 folder)	1977
G	<b>Papers by G N Watson</b>	
G1	G N Watson papers vol I (1 vol)	1906-16
G2	G N Watson papers vol II (1 vol)	1917-28
G3	G N Watson papers vol III (1 vol)	1935-59
G4	G N Watson papers vol IV (1 vol)	1910-38
	<i>+ 2 more vols G4a: 1928-36, G1-G10 on list of publications</i>	
H	<b>Obituary</b>	
H1	Obituary of LSB by D C Russell (1 doc)	