

Supplementary catalogue of the papers and
correspondence of

David Joseph Bohm FRS

(1917-1992)

by Timothy E. Powell and Peter Harper
NCUACS catalogue no. 156/6/07

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David Joseph Bohm FRS (1917-1992), physicist

Compiled by: Timothy E. Powell and Peter Harper

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GENERAL INTRODUCTION

For an outline of the career of David Bohm see the introduction to the 'Catalogue of the papers and correspondence of David Joseph Bohm' compiled in 1997 (NCUACS catalogue no. 66/4/97), hereafter referred to as the original catalogue. A longer account is to be found in B.J. Hiley, 'David Joseph Bohm 20 December 1917-27 October 1992', *Biographical Memoirs of Fellows of the Royal Society* 43 (1997), 105-131, a copy of which is at A.133.

PROVENANCE

This material was received from Professor B.J. Hiley, via Birkbeck College London, in November 2006.

DESCRIPTION OF THE COLLECTION

This material, which spans 1933-2005, forms a valuable additional resource for the study of Bohm's life and thought. There are some documents that directly relate to material presented in the 1997 catalogue, and this is indicated in the catalogue entries by reference to the original catalogue, but the bulk is new.

The catalogue entries in this volume have been numbered to follow on from the earlier catalogue.

Section A, Biographical, includes a copy of the Royal Society biographical memoir of Bohm, additional interviews and dialogues material, including a series of contributions to the magazine *ReVision*, and some additional material relating to the Ojai Dialogues of 1989. There are further articles about Bohm showing the continuing interest his life and ideas inspired. Life and career material includes documentation of his election to the Fellowship of the Royal Society including letters of congratulation. The original catalogue contained a solitary letter of congratulation, from Brian Josephson, which reinforced the picture of him as a loner shunned by the mainstream scientific establishment. The addition to this of congratulations from figures such as Lord Flowers, Sir Roger Penrose and Abdus Salam indicates the high regard in which he was widely held. The section also has a little personal correspondence, which includes documentation of visits to North America in the 1970s and 1980s, and material relating to his wife Saral Bohm that shows her promoting her husband's ideas after his death

Section B, Drafts, publications and lectures, is the largest in this catalogue. It covers the period 1951 to 1998. Of particular note is the further material presented on the themes of wholeness and

fragmentation and the implicate order. The section also presents significant documentation of Bohm's ideas in quantum theory. Drafts by Bohm include series of lectures 'On plasma physics', delivered at the University of Rome in May 1958 and on 'General theory of collective coordinates', University of Bristol, about the same date. Bohm's wider vision is documented in papers delivered at various meetings, such as 'An inquiry into the function of language and thought' (Institute of Contemporary Arts, London, March, 1971), 'Insight, imagination, reason and the nature of knowledge' and 'Consciousness' (Syracuse University, September 1982), and 'Fragmentation and wholeness' (Eidgenossische Technische Hochschule, Zürich, Switzerland, 1986). The coverage of Bohm's published output in the original catalogue was rather thin; this catalogue presents significantly more material documenting his publications. It includes articles on quantum theory from the 1950s onwards, drafts of *Causality and Chance in Modern Physics* (1957) and the final chapter of *Wholeness and the Implicate Order* (1980), and a posthumously published work 'Cosmos, Matter, Life and Consciousness', in *The Spirit of Science. From Experiment to Experience*, 1998 from a lecture originally given in 1983.

Section C, Correspondence, presents important new material on Bohm's life and ideas. It includes a bound volume of correspondence with the philosopher J.G. Bennett (1962-1964) largely arising from ideas put forward in Bennett's book *The Dramatic Universe*, much influenced by G.I. Gurdjieff. There is correspondence with A. Kahler and her daughter H.M. Loewy 1950-1951, in which Bohm discusses his difficulties with the Un-American Activities Committee, his move to Brazil and future plans. There are exchanges with D.L. Schindler, editor of *Communio*, a Roman Catholic journal, arising from Schindler's review of Bohm's *Wholeness and the Implicate Order*. Correspondence with F. Wilhelm includes discussion of the thought and personality of J. Krishnamurti, who was a profound influence on the thought of both men, and further discussion of Krishnamurti is to be found in the typescript transcripts of correspondence with Yitzhak ('Isidore') Woolfson, Bohm's brother-in-law. This correspondence also discusses individuality, the nature of understanding, memory and the Arab-Israeli conflict. There is an extensive set of photocopies of manuscript letters from Bohm to the mathematician Miriam Yevick. The letters cover the early 1950s after Bohm's move to Brazil and cover his experiences there, his future plans, and the state of the world, as well as the development of his ideas in quantum theory.

Section D, Non-textual material, is a section not present in the original catalogue. Of particular note are the audio cassette tapes of broadcasts on Radio France in 1982 and the proceedings of the memorial meeting to Bohm held at Birkbeck College London in May 1993.

There is also an index of correspondents.

T.E. Powell
Bath 2007

SECTION A	BIOGRAPHICAL, A.131-A.181	1933-2005
	A.131-A.134	OBITUARIES AND TRIBUTES
	A.135-A.148	INTERVIEWS, DISCUSSIONS AND DIALOGUES
	A.149-A.163	ARTICLES AND PAPERS ABOUT BOHM
	A.164-A.174	LIFE AND CAREER
	A.175-A.179	PERSONAL CORRESPONDENCE
	A.180, A.181	SARAL BOHM
A.131-A.134	OBITUARIES AND TRIBUTES	1992-1998
A.131	Letters of condolence These are additional to those at A.6-A.12 of the original catalogue and were not in the list in A.5.	1992-1993
A.132	'Remarks by S Schweber at memorial meeting for Dave Bohm', 3 December 1992 Printed out email, 3pp	1992
A.133	'David Joseph Bohm 20 December 1917-27 October 1992' by B.J. Hiley, <i>Biographical Memoirs of Fellows of the Royal Society</i> 43 (1997), 105-131 Offprint.	1997
A.134	Tribute to Bohm from newsletter of the Instituto de Estudos Avancados da Universidade de Sao Paulo, vol 10 no 2 (1998) The newsletter is announcing a forthcoming symposium on David Bohm's work.	1998

Biographical, A.131-A.181

A.135-A.148	INTERVIEWS, DISCUSSIONS AND DIALOGUES	1978-1989
A.135	'The enfolding-unfolding universe: a conversation with David Bohm' by Renée Weber, <i>ReVision</i> 1 (1978), 24-51 Photocopy of published conversation	1978
A.136	'Mind, nature and the quantum', interview with G.W. Schaeffer, 11 February 1981 21pp typescript transcript; correspondence re arrangements. Schaeffer was Professor of Ecological Physics, Cranfield Institute of Technology. The interview was to have been published (in part) in the <i>Christian Science Monitor</i> .	1980-1981
A.137	Interview by Lillian Hoddeson, Center for History of Physics, American Institute of Physics, 8 May 1981 16pp typescript transcript.	1981
A.138	'The physicist and the mystic - is a dialogue between them possible?', by Renée Weber, <i>ReVision</i> 4 (Spring 1981), 21-74 Photocopy of published conversation.	1981
A.139	'Conversations between Rupert Sheldrake, Renée Weber, David Bohm', <i>ReVision</i> 5 (Fall 1982), 23-48 Photocopy of published conversations.	1982
A.140	'Of matter and meaning: the super-implicate order. A conversation between David Bohm and Renée Weber', <i>ReVision</i> 6 (1983), 34-44 Photocopy of published conversation.	1983
A.141, A.142	'Joe Schaeffer interview with David Bohm' 23 July 1986	1986

Biographical, A.131-A.181

- A.141 Print-out of transcript
42pp.
- A.142 Revised transcript
31pp.
- A.143 Interview by Dipankar Home, *Science Today* November 1986, 25-27, 48-49 1986
Photocopy of published interview.
- A.144 'Interview between David Bohm and Lee Nichol' 1989
14pp typescript transcript so headed.
This an earlier version of the 1989 conversation presented at A.40 of the original catalogue
- A.145 'David Bohm meeting with Oak Grove students, Ojai, California, November 14, 1989' 1989
43pp typescript transcript.
This was the basis of the booklet at A.66 in the original catalogue.
- A.146 'David Bohm Seminar December 2, 1989' 1989
64p typescript.
- A.147, A.148 Ojai Dialogues 1989
See also A.67-A.70 of the original catalogue.
- A.147 'Session III', 2 December 1989
63pp typescript.

Biographical, A.131-A.181

- A.148 'Dialogue Four - (First half)', 3 December 1989
32pp typescript.
- A.149-A.163 ARTICLES AND PAPERS ABOUT BOHM 1983-2005**
- A.149 Newspaper references to Bohm' 1983,1997

Why Einstein was wrong about light' by Danah Zohar, *Sunday Times* 20 February 1983 (photocopy); 'The universe as seen from North Beach', *San Francisco Chronicle*, 17 August 1997.
- A.150 'Some remarks on the significance of David Bohm's views for biology' by K. Kortmulder, *Acta Biotheoretica* 36 (1987), 275-280 1987

Corrected offprint.
- A.151-A.155 'Material collected by David Peat for his 1992 biography + not in folders A.20-A.22'. Contents of folder so labelled 1992-1996
- A.151-A.153 Print-outs of unedited transcripts of reminiscences of Bohm 1994

The reminiscences focus in particular on Bohm's family background, his relationship with Krishnamurti, his move towards the dialogue technique, and his depression. Those interviewed include Saral Bohm, Lee Nichol, Dave Moody and Mort Weiss.

3 folders.
- A.154, A.155 Miscellaneous letters and copies of letters, information, poems etc. 1993-1996

2 folders.
- A.156 'Remembering David Bohm' by M. Germine, *Psychoscience* vol 1 no 1 (1994), 3-5 1994

First issue of *Psychoscience*, which also includes 'Soma-

Biographical, A.131-A.181

significance: a new notion of the relationship between the physical and the mental' by Bohm, published posthumously (see B.16 of the original catalogue).

- A.157 'The quantum metaphysics of David Bohm' by T.J. Germino, *Psychoscience* vol 1 no 2 (1994), 139-149 1994
Issue of Psychoscience.
- A.158 Photocopied pages referring to Bohm from *The Quark and the Jaguar: Adventures in the Simple and Complex* by M. Gell-Mann (1995) 1995
- A.159 '3 untitled pages (130 to 132) concerning DAVID BOHM Headed Das Jahr 1951. Dated 13 March 1995' 1995
4pp photocopy manuscript notes on Bohm's life, apparently taken from German language draft, one page of which is appended; 1 page of typescript corrections.
- A.160 'Talk for Amherst', 12 June 1995, recollections of Bohm by Saral Bohm 1995
8pp typescript.
- A.161 'David Bohm and collective movement' by A. Kojevnikov, *HSPS* vol 33 part 1 (2002), 161-192 2002
Offprint.
- A.162 'Science and exile: David Bohm, the Cold War, and a new interpretation of quantum mechanics', *HSPS* vol 36 part 1 (2005) 2005
Preprint.
- A.163 'Dialectical materialism and the construction of a new quantum theory: David Joseph Bohm, 1917-1992' by C. Forstner, 2005 2005
Preprint.

Biographical, A.131-A.181

A.164-A.174	LIFE AND CAREER	1933-1990
A.164	Curricula vitae	
A.165	Bibliographies	
A.166- A.170	Manuscript notes, diagrams and essays 5 folders. These are the notes of which the photocopies at A.108- A.112 of the original catalogue are copies. A.108=A.166, etc. The photocopies have been retained due to the poor condition of the originals.	1933-1934, n.d.
A.171	'Statement made by David Joseph Bohm, March 23rd 1960' and 'Additional statement made by David Joseph Bohm on April 12th, 1960'; correspondence <i>re visa</i> 1983 Photocopies of statements provided by Bohm to US Consulate in London in seeking return of his US passport. The statements cover his political leanings, his current political views and his wish to return to the USA.	[1960], 1983- 1984
A.172	Nomination of Bohm for Nobel Prize in Physics	1988-1989
A.173, A.174	Election to Fellowship of the Royal Society	1990
A.173	Arrangements for admission	
A.174	Letters of congratulation See also A.129 of the original catalogue.	

Biographical, A.131-A.181

A.175-A.179	PERSONAL CORRESPONDENCE	1977-1985
A.175	Correspondence <i>re</i> retirement annuity from Princeton University	1977, 1983
A.176	Requests for leave of absence from Birkbeck College to lecture and attend conferences Bohm requests leave to make visits in the US and Canada.	1979-1983
A.177	Exchange <i>re</i> genealogy of Bohm family	1983
A.178	Notes etc of itineraries of overseas visits (to USA and Israel) 1983-1985	1983-1985
A.179	Miscellaneous correspondence	1982-1984
A.180, A.181	SARAL BOHM	1994-1998
	Saral Bohm was the widow of David Bohm. She shared many of his interests.	
A.180	Writings by Saral Bohm These short reflective pieces arose from sessions of the London Dialogue.	1994-1997 and n.d.
A.181	Correspondence to Saral Bohm	1998

SECTION B DRAFTS, PUBLICATIONS AND LECTURES, B.83-B.192 1951-1998

The material in this section forms a very significant addition to that presented in the original catalogue. In particular it offers important documentation of Bohm's published output.

B.83-B.115 DRAFTS BY BOHM

B.116-B.188 PUBLISHED WORK

B.189-B.191 REVIEWS

B.192 MEETINGS

B.83-B.115 DRAFTS BY BOHM 1958-1987, n.d.

B.83, B.84 'On plasma physics' 1958

'Six lectures delivered at the University of Rome by Prof. D. BOHM', May 1958

Photocopy typescript.

2 folders.

B.85-B.87 'General theory of collective coordinates', lectures at the ca 1958
H.H. Wills Physics Laboratory, University of Bristol, ca 1958

Duplicated typescript, paginated 402-516.

3 folders.

B.88 'On the role of language forms in experimental and ca 1967
theoretical physics'

27pp duplicated typescript.

With covering note to B.J. Hiley.

Drafts, publications and lectures, B.83-B.192

- | | | |
|------------|--|------|
| B.89 | 'Science as perception-communication', 'talk recorded on tape for the Illinois Symposium on Philosophy of Science, March 1969' | 1969 |
| | 22pp duplicated typescript. | |
| B.90 | 'Notes on Holomode' | 1970 |
| | 2pp duplicated typescript. | |
| | Holomode was Bohm's idea for a new conjugation of the verb to convey the sense of 'wholeness of action'. | |
| B.91, B.92 | 'An inquiry into the function of language and thought'. Two papers arising from 'Colloquy held at the Institute of Contemporary Arts, London, on March 28, 1971' | 1971 |
| B.91 | 'A. Fragmentation and Wholeness' | |
| | 43pp duplicated typescript. | |
| B.92 | 'B. The Rheomode - an experiment with language & thought' | |
| | 37pp duplicated typescript. | |
| B.93 | 'Human nature as the product of our mental models', talk at the Institute of Contemporary Arts, London, 15 March 1972 | 1972 |
| | 26pp duplicated typescript. | |
| B.94 | 'Fragmentation and wholeness', talk at the Van Leer Jerusalem Foundation, April 1972 | 1972 |
| | 26pp duplicated typescript. | |
| B.95 | 'Reality and knowledge considered as process', May 1974 | 1974 |
| | 27pp duplicated typescript. | |

Drafts, publications and lectures, B.83-B.192

- | | | |
|------------|---|---------|
| B.96 | 'The implicate or enfolded order - a new order for physics',
October 1974

12pp typescript. | 1974 |
| B.97 | 'A plot for a science fiction novel', '(Inspired by Joseph
Weizenbaum's talk)', 7 July 1980

14pp typescript; published copy of 'Computer science and
the need for a human-centred science' by J. Weizenbaum. | 1980 |
| B.98, B.99 | 'A series of talks given at Syracuse University, September
1982'.

Duplicated typescripts of papers II and III. | 1982 |
| B.98 | 'II. Insight, imagination, reason, and the nature of
knowledge'

Paginated 38-65. | |
| B.99 | 'III. Consciousness, the limits of knowledge - and what may
lie beyond'

Paginated 66-99. | |
| B.100 | 'Preliminary reply to Schindler's three questions arising
from Wholeness and the Implicate Order' and 'Further
remarks on Schindler's review of my book'

14pp typescript and 4pp typescript.

See also B.171, C.101-C.104. | ca 1982 |
| B.101 | 'Reply to Weingard's paper' by Bohm and B.J. Hiley

5pp typescript.

The paper discusses space-time. | 1985 |
| B.102 | 'A realist view of quantum theory', annotated 'Urbino
Conference 1985' | 1985 |

Drafts, publications and lectures, B.83-B.192

26pp duplicated typescript + references and figures.

This paper was a shorter version of 'An ontological basis for the quantum theory' by Bohm and B.J. Hiley, published in *Phys. Reports* 144 (1987), 323-375.

- B.103 'Comments on "The Future of Humanity" ' ca 1986
- The book *The Future of Humanity* (1986) contained two dialogues between Bohm and Krishnamurti from a conference of transpersonal psychologists at Brockwood Park, Bramdean, Hampshire in 1983.
- 3pp typescript.
- B.104-B.106 'Fragmentation and wholeness', talk at the Eidgenossische Technische Hochschule, Zürich, Switzerland. 1986
- See also B.10-B.15 of the original catalogue.
- B.104 22pp duplicated typescript.
- B.105, B.106 'Fragmentierung und Ganzheit', German language version: 13pp typescript; corrected ?proof marked December 1986.
- 2 volumes.
- Although apparently intended for publication, this does not appear in either Bohm's or the Royal Society Memoir bibliographies.
- B.107 Untitled piece written 'for the memorial of his friend Dr M. Sagenkahn' 1987
- 1p typescript beginning 'In considering the relationship between the finite and the infinite...'
- B.108 'My response to Georg B. Tennyson' N.d.
- 4pp typescript.
- This was written in response to Tennyson's disagreement with Bohm over the meaning of 'imagination'.

Drafts, publications and lectures, B.83-B.192

B.109	'Some further remarks on Order for the Bellagio Conference on Theoretical Biology' 24pp duplicated typescript.	N.d.
B.110	'On self-deception in the individual, in groups, and in society as whole' 13pp typescript with manuscript corrections on first page.	N.d.
B.111	'The problem and the paradox' 7pp duplicated typescript.	N.d.
B.112	'Consciousness and self consciousness' 8pp typescript.	N.d.
B.113	'Insight into measure, in the East and in the West' 7pp photocopy typescript.	N.d.
B.114	'The negative approach to the meaning of language' 1p duplicated typescript.	N.d.
B.115	Incomplete draft (lacks page 1) on the idea of order Duplicated typescript paginated [1]-26.	N.d.
B.116-B.188	PUBLISHED WORK	1951-1998
B.116	With D. Pines, 'A collective description of electron interactions. I. Magnetic interactions', <i>Phys. Rev.</i> , 82 (1951), 625-634 Photocopy.	1951

Drafts, publications and lectures, B.83-B.192

- | | | |
|-------------|---|---------|
| B.117 | With D. Pines, 'A collective description of electron interactions. II. Collective vs individual particle aspects of the interactions', <i>Phys. Rev.</i> , 85 (1952), 338-353

Photocopy. | 1952 |
| B.118 | 'A suggested interpretation of the quantum theory in terms of hidden variables', 11, <i>Phys. Rev.</i> , 85 (1952), 180-193

Offprint. | 1952 |
| B.119 | With D. Pines, 'A collective description of electron interactions. III. Coulomb interactions in a degenerate electron gas', <i>Phys. Rev.</i> , 92 (1953), 609-625

Photocopy. | 1953 |
| B.120 | With J.P. Vigiér, 'Model of the causal interpretation of quantum theory in terms of a fluid with irregular fluctuations', <i>Phys. Rev.</i> 96 (1954), 208-216.

Offprint. | 1954 |
| B.121 | 'Space-time geometry as an abstraction from "Spinor" ordering'. Not listed in bibliographies, latest bibliographical reference 1955

Photocopy proof. | ca 1955 |
| B.122-B.138 | 'Modern Physics: a course'

Photocopy of typescript draft with manuscript corrections

17 folders.

This is probably a draft of a [unpublished] textbook intended for physics undergraduate students which Bohm began in Brazil. It is referred to in some letters and there was a mimeographed copy at the University of São Paulo. Information from Dr O. Freire, Jan 2008. | ?1950s |
| B.139 | <i>Causality and Chance in Modern Physics</i> . London, Routledge and Kegan Paul, 1957, new edition 1984

Preface for 1984 edition

5pp typescript. | 1984 |

Drafts, publications and lectures, B.83-B.192

- B.140 'A proposed explanation of quantum theory in terms of hidden variables at a sub-quantum-mechanical level', *Proceedings of the Ninth Symposium of the Colston Research Society held in the University of Bristol, April 1st-April 4th, 1957* 1957
- Offprint.
- B.141 With Y. Aharonov, 'Significance of electromagnetic potentials in the quantum theory', *Phys. Rev.*, 115 (1959), 485-491 1959
- Offprint.
- B.142 'On the relationship between methodology in scientific research and the content of scientific knowledge', *British Journal for the Philosophy of Science* 12 (1961), 103-116 1961
- Photocopy.
- B.143 'Classical and non-classical concepts in the quantum theory', *British Journal for the Philosophy of Science* 12 (1962), 265-280 1962
- Offprint.
- B.144 'Hidden variables in quantum theory', part III of *Radiation and High Energy Physics*, ed. D.R. Bates, Academic Press, 1962 1962
- Offprint.
- B.145 'Basic dyads in contemporary physics', *Systematics* 1 (1963), 188-202 1963
- Copy of issue of *Systematics*.
- B.146 With G. Carmi, 'Separation of motions of many-body systems into dynamically independent parts by projection onto equilibrium varieties in phase space I and II', *Phys. Rev.*, 133 (1964), A319-A350 1964
- Offprints.

Drafts, publications and lectures, B.83-B.192

- B.147 'On the problem of truth and understanding in science', in ed. M. Bunge *The Critical Approach to Science and Philosophy*, (1964), 212-223. Not listed in bibliographies. 1964
Photocopy.
- B.148 'Problems in the basic concepts of physics', published in commemoration volume to Satyendranath Bose, Calcutta (1964) 1964
Article found torn from original volume.
This is a different version of Bohm's inaugural lecture of 1963 (see A.124 in the original catalogue).
- B.149 'Space, time and the quantum theory understood in terms of discrete structural process', *Proc. of the Int. Conf. on Elementary Particles*, Kyoto, Japan, 1965, 252-286 1965
Offprint.
This is the published version of the draft at B.1 of the original catalogue.
- B.150 'A proposed topological formulation of the quantum theory', in ed. I.J. Good, *The Scientist Speculates*, New York, 1965, 302-314 1965
12pp typescript draft; offprint.
- B.151 With J. Bub, 'A proposed solution of the measurement problem in quantum mechanics by a hidden variable theory', *Rev. Mod. Phys.*, 38 (1966), 435-469, and with J. Bub, 'On refutation of the proof by Jauch and Piron that hidden variables can be excluded in quantum mechanics', *Rev. Mod. Phys.*, 38 (1966), 470-475. 1966
Offprints.
- B.152 With B. Salt, 'Collective treatment of liquid helium', *Rev. Mod. Phys.*, 39 (1967), 894-910. Not listed in bibliographies. 1967
Offprint. /...

Drafts, publications and lectures, B.83-B.192

- /...
- This is the published version of the draft at B.5-B.9 of the original catalogue.
- B.153 'On Creativity', *Leonardo* 1 (1968), 137-149 1968
Offprint.
- B.154 ' "Hidden Variable" theories as a step towards a new language structure for physics', *Contemporary Physics* II (1969), International Atomic Energy Agency, Vienna 1969
13pp duplicated typescript; offprint.
- B.155 'Fragmentation in science and in society', *Impact of Science on Society* 20 (1970), 159-169 1970
13pp duplicated typescript; offprint.
- B.156 'Some remarks on the notion of order and further remarks on order', in ed. C.H. Waddington, *Towards a Theoretical Biology*, vol. 2, Chicago (1970), 18-59 1970
Photocopy.
- B.157 'On the role of hidden variables in the fundamental structure of physics, in ed. T. Bastin, *Quantum Theory and Beyond*, Cambridge, 1971, 95-116 1971
Duplicated typescript paginated 32-79 + references.
- B.158 'Quantum theory as an indication of a new order in physics. Part A. The development of new orders as shown through the history of physics', *Foundations of Physics* 1 (1971), 359-371, and 'Part B. Implicate and explicate order in physical law', *Foundations of Physics* 3 (1973), 139-168 1971, 1973
Offprints.
- B.159 'Indication of a new order in physics', in ed. T. Shanin, *The Rules of the Game*, London, 1972, 249-275 1972
/...

Drafts, publications and lectures, B.83-B.192

- I... Copy of article.
- B.159A 'On the subjectivity and objectivity of knowledge', in ed. J. Lewis, *Beyond Chance and Necessity*, 1974, 121-130 1974
Photocopy.
- B.160 With B.J. Hiley, 'On intuitive understanding of nonlocality as implied by quantum theory', *Foundations of Physics* 5 (1975), 93-109 1975
Photocopy.
- B.161 'On creation of a deeper insight into what may underlie quantum physical law', in eds. M. Flato *et al*, *Quantum Mechanics, Determinism, Casuality and Particles*, Dordrecht, 1976, 1-10 1976
Offprint.
- B.162 'Imagination, fancy, insight and reason in the process of thought', in ed. S. Sugerman, *Evolution of Consciousness. Studies in Polarity in honour of Owen Barfield*, Middletown, CT, 1976 1976
24pp duplicated typescript.
- B.163 'The implicate or enfolded order: a new order for physics', in ed. D.R. Griffin and J.B. Cobb, *Mind in Nature: Essays on the Interface of Science and Philosophy*, Washington D.C., 1977, 37-42 1977
Copy of *Mind in Nature*.
- B.164 'Heisenberg's contribution to physics', in eds W.C. Price and S.S. Chissick, *The Uncertainty Principle and Foundations of Quantum Mechanics*, London, 1977 1977
Offprint.
- B.165 'On insight and its significance for science, education, and 1979

Drafts, publications and lectures, B.83-B.192

values, *Teachers' College Record* 80, February 1979, 403-418

Offprint.

- | | | |
|-------------|---|------------------|
| B.166-B.169 | <i>Wholeness and the Implicate Order</i> , London, 1980 | 1980, 1994 |
| B.166-B.168 | Typescript draft of chapter 7 (final chapter), 'The enfolding-unfolding universe and consciousness'

3 folders. | 1980 |
| B.169 | Book review, author not identified

5pp photocopy typescript.

Folder also contains request for copyright permission to publish Chinese version, 1994.

This differs from that at B.79 of the original catalogue. | 1980, 1994 |
| B.170 | With B.J. Hiley, 'The de Broglie pilot wave theory and the further development of new insights arising out of it', <i>Foundations of Physics</i> 12 (1982), 1001-1016

Offprint. | 1982 |
| B.171 | 'Response to Schindler's critique of my <i>Wholeness and the Implicate Order</i> ', <i>Int. Phil. Quarterly</i> 22 (1982), 329-339

Offprint.

See also B.100, C.101-C.104. | 1982 |
| B.172 | 'Religion as wholeness and the problem of fragmentation', Centre Space Occasional Paper no.2 (January 1984)

Offprint. | 1984 |
| B.173 | 'Fragmentation and wholeness in religion and in science', <i>Zygon</i> 20 (1985) | 1985

/... |

Drafts, publications and lectures, B.83-B.192

- I... Proof copy.
- B.174 'Hidden variables and the implicate order', *Zygon* 20 (1985), 111-124 1985
Proof copy; offprint.
- B.175 'Response to Conference papers on "David Bohm's Implicate Order: physics, philosophy, and theology" ', *Zygon* 20 (1985), 219-220 1985
3pp typescript; photocopy.
- B.176 'Time, the implicate order and pre-space', in ed. D.R. Griffen, *Physics and the Ultimate Significance of Time*, New York, 1986, 172-208 1986
Photocopy.
- B.177 'The implicate order: a new approach to the nature of reality', in ed. D.L. Schindler, *Beyond Mechanism: the Universe in Recent Physics and Catholic Thought*, Lantham, MD, 1986, 13-37. 1986
Photocopy ?of preprint.
- B.178 'A new theory of the relationship of mind and matter', *Journal of the American Society for Psychical Research* 80 (1986), 113-135 1986
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- B.179 'An ontological foundation for the quantum theory' 1987
21pp typescript draft.
This is a corrected version of B.19 in the original catalogue.
- B.180, B.181 With B.J. Hiley, 'An ontological foundation for the quantum theory. I. Non-relativistic particle systems', *Physics Reports* 144 (1987), 323-348, and with B.J. Hiley and P.N. 1987

Drafts, publications and lectures, B.83-B.192

Kaloyerou, 'II. A causal interpretation of quantum fields',
Physics Reports 144 (1987), 349-375

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2 folders.

- B.182 With B.J. Hiley, 'Nonlocality and the Einstein-Podolsky-
Rosen experiment as understood through the quantum-
potential approach', in ed. F. Selleri, *Quantum Mechanics
versus Local Realism*, Chicago, 1988, 235-255 1988
- Offprint
- B.183 'A realist view of quantum theory', in ed. A. van der Merwe
et al, *Microphysical Reality and Quantum Formalism*,
Dordrecht, 1988, 3-18 1988
- Offprint.
- B.184 With B.J. Hiley, 'Non-locality and locality in the stochastic
interpretation of quantum mechanics', *Physics Reports* 172
(1989), 93-122. Not listed in bibliographies 1989
- Photocopy.
- B.185 'A new theory of the relationship of mind and matter', *Phil.
Psych.* 3 (1990), 271-286 1990
- 31pp typescript + references
- This is a typescript draft of paper at B.75 of the original
catalogue.
- B.186, B.187 'Cosmos, Matter, Life and Consciousness', in ed. D.
Lorrimer, *The Spirit of Science. From Experiment to
Experience*, Edinburgh 1998. Not listed in bibliographies 1983, 1998
- This was posthumously published work was a lecture
originally given at the '1983 Mystics and Scientists
conference'.
- B.186 22pp typescript. 1983

Drafts, publications and lectures, B.83-B.192

- | | | |
|--------------------|---|--------------------------------|
| B.187 | Photocopy of published article. | 1998 |
| B.188 | Photocopies of book reviews of Bohm's work: <i>On Creativity, Causality and Chance</i> 9th edition, <i>The Undivided Universe</i> | 1990s |
| B.189-B.191 | REVIEWS | ca 1983,
1984, n.d. |
| B.189 | Book review of 'Paul Davies: GOD AND THE NEW PHYSICS'

7pp typescript. | ca 1983 |
| B.190 | 'Comments on "Is the Einstein Podolsky Rosen Paradox demanded by quantum theory" ' by O. Piccioni

5pp typescript; copies of letters. | 1984 |
| B.191 | 'Comments on Creation out of Everything by David and Marjorie Haight'

2pp typescript. | N.d. |
| B.192 | MEETINGS | 1971, 1979 |
| | Notices for meetings at which Bohm was to be a speaker:

'An inquiry into the implication of laser holography', Institute of Contemporary Arts, London, 1 July 1971; Sufi Order colloquium on Coevolution of Science and Spirit, New York, USA, 13-14 October 1979. | |

SECTION C	CORRESPONDENCE, C.93-C.128	ca 1950-2004
C.93	<p>Bennett, J.G.</p> <p>Spiral bound volume of correspondence between Bohm and J.G. Bennett, covering 1962-1964, compiled by Anthony Blake, 2004 (with covering letter from Blake).</p> <p>The correspondence chiefly relates to ideas put forward by the philosopher J.G. Bennett in his four volume book <i>The Dramatic Universe</i>, heavily influenced by G.I. Gurdjieff.</p>	[1962-1964], 2004
C.94	<p>Bura, P.</p> <p>Letter <i>re</i> visit by Bohm to Canada.</p>	1979
C.95	<p>Hiley, B.J.</p> <p>Letter from Bohm (in Israel) to Hiley commenting on <i>The Quantum World</i> by J.C. Polkinghorne.</p>	1987
C.96	<p>Kahler, A.</p> <p>Three letters from Bohm to Kahler.</p> <p>That ca 1951, written from Brazil, is on his impressions of the Physics Department of the University of Sao Paulo and his need in leave Brazil ('For I have no one to talk to, and nothing to do in my spare time'); 1953 letter refers to his plans for the future, he writes of moving to Britain or Israel; 1984 letter refers to correspondence between Bohm and Einstein.</p> <p>Alice ('Lili') Kahler (née Loewy) was the mother of H.M. Loewy (see C.97). The family home at Princeton was the focus for a circle of intellectuals, writers and artists with which Bohm was associated.</p> <p>This material is additional to correspondence at C.28 of the original catalogue.</p>	ca 1951, 1953, 1984
C.97	<p>Loewy, H.M.</p> <p>Correspondence from Bohm to Loewy, ca 1950, refers to his troubles with the Un-American Activities Committee, views on American society and future plans. Letter of 1993 to Loewy from F.D. Peat refers to meeting to talk about Bohm ca 1950.</p>	ca 1950, 1993 /...

Correspondence, C.93-C.128

- /... Folder also contains some empty envelopes indicating Bohm continued to write from Brazil.
- Hanna Loewy, the daughter of Lili Kahler (see C.96), was a member of the circle of intellectuals, writers and artists that met at her family home.
- This material is additional to correspondence at C.16, C.37-C.41 of the original catalogue.
- C.98 Parrish, H. 1990, 1992
- Copies of letters to Parrish.
- C.99 Pauli, W. [1951]
- This a photocopy of the draft of the letter to Bohm at C.44 of the original catalogue.
- C.100 Phillips, M. [1966, 1975, 1987], 1992, 1996
- Photocopies of three letters from Bohm to Phillips; letters from Phillips to Saral Bohm (widow) and S. Bohm to Phillips re the Bohm archive.
- Bohm's letter of 1966 explains his views on 'real enjoyment' and 'self-indulgent pleasure'.
- This is additional to correspondence at C.46-C.50 of the original catalogue.
- C.101-C.104 Schindler, D.L. [1983], 1998
- Photocopies and typescript transcripts of correspondence between Bohm and Schindler. With 1998 letter to B.J. Hiley covering the correspondence.
- 4 folders.
- Schindler was editor of *Communio*, a Roman Catholic theological journal and Gagnon Professor of Fundamental Theology at the John Paul II Institute for the Study of Marriage and the Family in Washington, D.C.
- The correspondence between them arose following Schindler's review of Bohm's *Wholeness and the Implicate*

Correspondence, C.93-C.128

- /... Typescript transcripts of 24 (numbered) letters from Bohm to Woolfson. The letters discuss individuality, the nature of understanding, memory, and relations with J. Krishnamurti as well as views on the Arab-Israeli conflict and personal news.
5 folders.
- C.115 Yevick, G. early 1950s.
Photocopy of letter to Yevick from Bohm (in Brazil). In the letter Bohm discusses ether, relativity and quantum theory.
George Yevick was a physicist based at the Stevens Institute of Technology, the husband of Miriam Yevick (see C.116-C.127).
- C.116-C.127 Yevick, M.L. 1951-[1954], 1995
Miriam Yevick was a mathematician based at the University of Maryland (later Rutgers State University, New Jersey), the wife of George Yevick (see C.115).
- C.116-C.126 Photocopied manuscript correspondence [1951-1954]
Photocopies of manuscript letters from Bohm (in Brazil) to Yevick. The letters 1951-mid 1953 form a sequence 1-49 (though not all letters are actually numbered and some appear to be missing), later letters are unnumbered. Some are incomplete and some undated (C.126).
11 folders.
The extensive correspondence covers Bohm's experiences in Brazil, his future plans, the state of the world, as well as the development of his ideas in quantum theory.
- C.127 Other correspondence 1951, 1995
Photocopy of manuscript and typescript letter from Yevick to Bohm, including mathematical calculations, 23 October 1951; typescript letter from Yevick to Bohm, 11 December 1951; correspondence from Yevick *re* her correspondence with Bohm, 1995.

Correspondence, C.93-C.128

C.128

Unidentified

1979

Three letters from Bohm enclosing drafts on 'Values'.

All photocopies.

SECTION D	NON-TEXTUAL MATERIAL, D.1-D.20	1981-1993
D.1	<p>Audio cassette tape labelled 'Commentary on "JOE" session tape with Gregg 5/28/81 (1 of 6 tapes in series)'</p> <p>There are two speakers. The principal speaker introduces a programme in the form of a series of tapes that is presented as a one session cure for neuroses. 'Joe' is a client on whom the programme was trialed.</p> <p>The further five audio cassette tapes were not found.</p>	1981
D.2-D.5	<p>Four audio cassette tapes of talks for Radio France in series 'Recherche et pensées contemp'</p> <p>Bohm is talking on his ideas.</p> <p>Bohm speaks in English, with a French translation overplayed.</p>	1982
D.2	'12/6/82' 1	
D.3	'12/6/82' 2	
D.4	'19/6/82' 1	
D.5	'19/6/82' 2	
D.6, D.7	<p>Two audio cassette tapes of 'Discussion between J. Krishnamurti and D. Bohm THE FUTURE OF MANKIND'</p> <p>This is a tape-recording of discussions presented at A.24, A.25 of the original catalogue.</p>	1983
D.6	'11/6/83'	
D.7	'20/6/83'	

Non-textual material, D.1-D.20

- D.8 CD-RW of uncorrected transcript of interview with M.F. Wilkins 1986-1987 1986-1987
The CD has two files: 'BohmWilkins Tapes 1-8' and 'BohmWilkins Tapes 9-16'.
- D.9-D.20 Audio cassette tapes of proceedings of 'The Science of David Bohm' Memorial Meeting at Birkbeck College London, 5-6 May 1993 1993
The first two tapes record the opening talks of the two days of the meeting, thereafter they are presented in alphabetical order by speaker.
See also A.17 of the original catalogue.
- D.9 'Basil'
B.J. Hiley's opening remarks and opening talk of the meeting.
- D.10 'Basil Hiley David Peat Goldstein'
Opening talks of the second day's proceedings.
- D.11 'Yakir Aharanov'
- D.12 'Mary Cadogan. Suzette van Hansen-Drücken'
- D.13 'Chris Dewdney'
- D.14 'Brian Goodwin'
- D.15 'Michael Green'
- D.16 'Chris Isham'

Non-textual material, D.1-D.20

D.18 'Rupert Sheldrake. Mark Edwards'

D.19 'Jean-Pierre Vigier'

D.20 'Maurice Wilkins'

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