William Reginald Stephen Garton
1912 - 2002

Professor of Spectroscopy

Born 1912, 1933 - 1936 BSc and ARCS Physics, Imperial College London, 1936 appointed demonstrator, begins research in spectroscopy under Herbert Dingle. Served with RAF during World War Two, returned to Imperial afterwards and made his name as leading expert on spectra of atomic vapours on the Schumann region. 1946 – 1954 appointed Lecturer in Physics, 1954 appointed Senior Lecturer, 1957 appointed Reader, 1958 Awarded DSc., 1964 appointed Professor of Spectroscopy, 1969 elected FRS, 1979 Senior Research Fellow, died 2002.

The collection comprises of research notebooks of W.R.S. Garton for the years 1937, 1949, 1959 and 1973 and one portrait photograph.
Research Notes

A small number of research notebooks from the years, 1937, 1949, 1959 and 1973

001
Research Notes on Spectroscopic Quantitative Analysis, Astrophysics Department, RCS

Date Range 1936 - 1937

Quantity Box Number 01

W.R.S. Garton, BSc ARCS, Record of work performed in spectroscopy laboratory of astrophysics department, of the Royal College of Science during the session 1936-0-37, on Quantitative Spectroscopic Analysis

Contains the following formats

Access Open Retention Archival.

Source William Reginald Stephen Garton

Inventory ID: GRTN00001 Accession Details: GRTN2004/0001

002
Research Notes Colouration of Quartz

Date Range 1937 - 1939

Quantity Box Number 01

Also contains loose page notes on work carried out between 1937 - 1939

Contains the following formats

Access Open Retention Archival.

Source William Reginald Stephen Garton

Inventory ID: GRTN00002 Accession Details: GRTN2004/0001

003
Laboratory Notebook [?]

Date Range 1937

Quantity Box Number 01

Red soft back exercise book containing handwritten laboratory notes. Most pages have been scored through.

Contains the following formats

Access Open Retention Archival.

Source William Reginald Stephen Garton

Inventory ID: GRTN00003 Accession Details: GRTN2004/0001
Notebook: Researches II, 1949

Date Range: 06/01/1949 - 29/05/1949

Quantity

Control

Details
Green hardback exercise book with red spine.
Some loose page notes at back.

Contains the following formats

Access: Open Retention: Archival
Source: William Reginald Stephen Garton
Inventory ID: GRTN00004 Accession Details: GRTN2004/0001

Notebook: Researches III, 29/05/49

Date Range: 29/05/1949 - 29/07/1949

Quantity

Control

Details
Green hardback exercise book with red spine.
Al emission and absorption contd. From Book II. Trials a use of vacuum Furnace
Al emission plates on LiF
2 pages of loose page notes at front.

Contains the following formats

Access: Open Retention: Archival
Source: William Reginald Stephen Garton
Inventory ID: GRTN00005 Accession Details: GRTN2004/0001

Notebook: Researches IV, 1948-49 (LiF spectrograph Bkll)

Date Range: 08/12/1948 - 22/11/1949

Quantity

Control

Details
Green hardback exercise book with red spine.
LiF Spectrograph Trials. Decr. 1948 - Novr. 1948. (For previous work see General Research Book 1)
2 pages of loose page notes.

Contains the following formats

Access: Open Retention: Archival
Source: William Reginald Stephen Garton
Inventory ID: GRTN00006 Accession Details: GRTN2004/0001
007

Notebook. [Research 1959]

Date Range 1959
Quantity
Control
Details
Various groups of loose notes on work conducted during 1959
Contains the following formats
Access Open Retention Archival.
Source William Reginald Stephen Garton
Inventory ID: GRTN00008 Accession Details: GRTN2004/0001

008

Notebook. Dr K Codling, Physics Dept, Imperial College, London, SW7

Date Range 1959
Quantity
Control
Details
Various groups of notes on work conducted during 1959. Many are carbon copy notes of those found in GRTN00008. This notebook has been divided into sections on Barium, Strontium, General, and CopperAu, MgCa. There is another untitled section of notes not in Garton handwriting.
Contains the following formats
Access Open Retention Archival.
Source William Reginald Stephen Garton
Inventory ID: GRTN00009 Accession Details: GRTN2004/0001

009

Computation Book, WRS Garton

Date Range 1973
Quantity
Control
Details
Handwritten notes taken at Harvard Summer 1973, Experiments on Schumann Region Absn of Sr and Ba vapours.
Loose pages of notes inserted in the front along with a related photocopies of an article.
Contains the following formats
Access Open Retention Archival.
Source William Reginald Stephen Garton
Inventory ID: GRTN00007 Accession Details: GRTN2004/0001
001  
b/w Portrait Photograph of WRS Garton

Date Range
Quantity            Box Number 01
Control
Details
5 copies
Contains the following formats
Access  Open  Retention Archival.
Source  William Reginald Stephen Garton

Inventory ID: GRTN00010    Accession Details: GRTN2004/0001