

## **Inventory**

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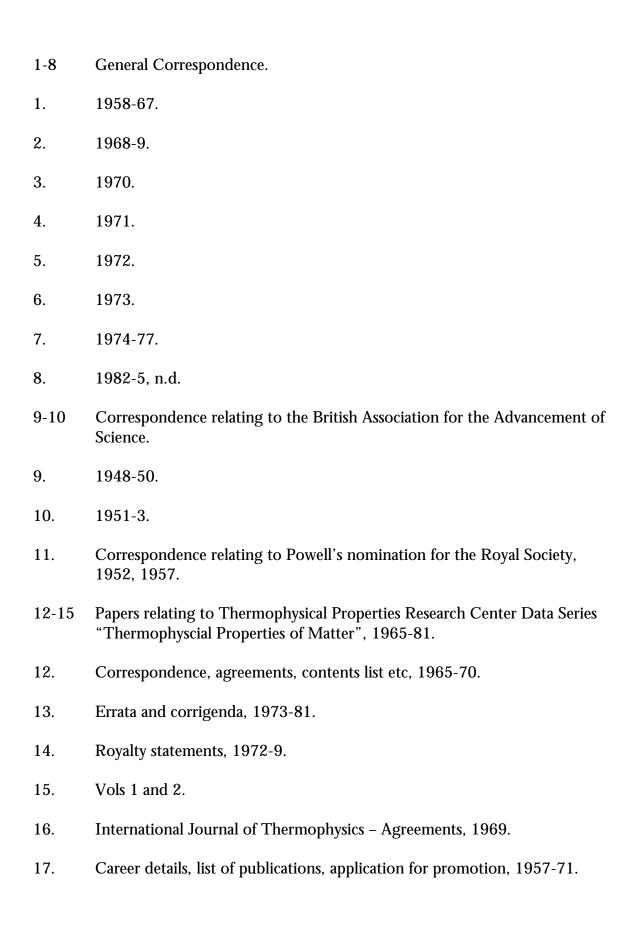
Papers of R W Powell

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- 18. The Thermal and Electrical Conductivities of Metals and Alloys by R W Powell PhD thesis, 1938.
- 19. Lecture notes, 1963-4.
- 20. Notes mainly on thermal conductivity.
- 21. Some Contributions to Physics to Flax Processing research material manuscript and typescript of article, 1964.
- Reports etc relating to the following contracts at the Thermophysical Properties Research Center, Purdue University, Indiana:
- 22. Contract AF33(615)-3861 Apparatus for the Precise Determination of Thermal Conductivity and Electrical Resistivity of Solids at High Temperatures by Direct Electrical Heating Methods Technical management reports, monthly letter reports, quarterly report, notes etc, 1965-1968.
- 23. Contract F33(615)-69-C-1229 Determination of Thermophysical Properties of Solids at High Temperatures by Direct Heating Methods Monthly letter reports and Technical Management Reports, 1968-9.
- 24. Contract F33(615)-70-C-1012 Determination of Thermophysical Properties of Solids at High Temperatures by Direct Heating Methods Monthly reports and Technical Management Reports, 1969-70.
- Contract F33615-70-C-1080 Developing a Multi-Purpose Apparatus for Thermophysical Property Determinations of Solids at High Temperatures – R & D Contract Status Reports, 1970.
- 26. Contract F33615-71-C-1183 Determination of Thermophysical Properties of Solids at High Temperatures by Direct Heating Methods Monthly reports and Technical Management Reports, 1970-1.
- 27. Contract CST-475 Generation of Critical Tables of Standard Reference Data Final Report, 1971.
- 28. Contract 2-35746 Generation of Critical Tables of Standard Reference Data Quarterly Progress reports, 1971-2.
- 29. Contract 3-35707 Generation of Critical Tables of Standard Reference Data Second Quarterly Progress Report and Final report, 1974-5.

- 30. Thermophysical Properties Research Center, Purdue University, Indiana: Reports and Memoranda, 1970-5.
- 31. Manuscripts of articles, 1969, n.d.

'Some additional notes regarding the TPRC Thermal Comparator and the Use of the Cell provided for Thermal Conductivity Tests on Fluids'. 'Thermal Conductivity and Non-destructive Testing: An Account of Thermal Comparator Methods and Applications'. 'Report on Tests made at the TPRC on Six Samples consisting of Deposited Layers on Electroformed Nickel'. 'The TPRC Thermal Comparator'.

- 32-8 Typescripts, offprints etc of articles by Powell with manuscript annotations.
- 32. Photocopy of corrected typescript of <u>Thermal Conductivity</u> Determinations of Thermal Comparator Methods by Powell.
- 33. <u>Thermal Conductivity as a non-destructive testing technique</u> by Powell published 27 November 1958 carbon copy typescript and proof pages.
- 34. Proof copy <u>Laws Governing the Evaporation of Water and Sublimation of Ice</u>, by Powell, published in Refrigeration Principles and Practice, London 1951.
- 35-7 Miscellaneous articles.
- 35. Typescript articles, 1956-62, n.d.
- 36. Articles written at TRPC, Purdue University, 1971, n.d.
- 37. Articles, 1941, 1951, 1960-69, 1972.
- 38. Articles. n.d.
- 39-40 Offprints of articles by others with manuscript annotations:
- 39. Articles written at TRPC, Purdue University, 1963-70.
- 40. Articles, 1948-70, n.d.
- 41. Photographs.
- 42. Newspaper cuttings.

- 43. Miscellaneous manuscript notes.
- 44. Miscellaneous graphs and calculations.
- 45. Miscellaneous printed items.
- 46. Papers relating to John M Powell, son of R W Powell, 1965-9.