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Finding Aid - Mark W.P. Cann fonds (F0787)

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Language of description: English

York University Archives & Special Collections (CTASC)

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Mark W.P. Cann fonds

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Summary information

Repository:	York University Archives & Special Collections (CTASC)
Title:	Mark W.P. Cann fonds
Reference code:	F0787
Date:	1959-1999 (creation)
Physical description:	0.9 m of textual records
Language:	English

Administrative history / Biographical sketch

Note

Mark William Philip Cann (physicist, teacher) was born on 2 September 1932 in Dalhousie, India and spent his early years in Kashmir before his family moved to England. He was educated at Bradfield College, Berkshire, and earned a Master's degree in physics from Clare College, University of Cambridge. Cann began his career at Rolls Royce, where he worked on the United Kingdom's first nuclear submarine. He and his young family emigrated to the United States in 1963, when he joined the Illinois Institute of Technology Research Institute in Chicago, Illinois as a research physicist. Cann was hired by York University in 1969 and worked with the Centre for Research in Experimental Space Science (CRESS), becoming an expert in synthetic spectroscopy. He died on 5 December 2021.

Scope and content

Fonds consists of documents created or received by Mark W.P. Cann during his career as a physicist with the Illinois Institute of Technology Research Institute in Chicago and with York University's Centre for Research in Experimental Space Science, including research notes, proposals for projects, reports, spectrum graphs, wave line profiles, computer program printouts, tables and graphs, transparencies for presentations, and three infrared transmission studies on 35 mm film.

Notes

Immediate source of acquisition

Donated by Rebecca Cann, Professor Cann's daughter, in 2023.

Restrictions on access

No restrictions on access

Other notes

- **Publication status:** Published
 - **Level of detail:** Full
 - **Status description:** Final
-

Access points

- Textual records (documentary form)
 - Physics (subject)
-

Collection holdings

File: 2023-050/001(01) - Shock Tube Spectroscopy: The Shock Excitation of Powdered Solids

Title: Shock Tube Spectroscopy: The Shock Excitation of Powdered Solids

Title [statRep]: W. H. Parkinson and R. W. Nicholls

Reference code: 2023-050/001(01)

Date: 1959 (date of creation)

Scope and content: File consists of a report prepared for the University of Western Ontario Departments of Physics Molecular Excitation Group

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/001(02) - Atmospheric Emission in the 6.3 μ Band of Water Vapour

Title: Atmospheric Emission in the 6.3 μ Band of Water Vapour

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/001(02)

Date: 1968 (date of creation)

Scope and content: File consists of calculations directed towards altitude probing by the cross beam method.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/001(03) - Solar Radiation and Air Pollution : Final Report

Title: Solar Radiation and Air Pollution : Final Report

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/001(03)

Date: 1968 (date of creation)

Scope and content: File consists of a report prepared for the Physics Division, IIT Research Institute.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/001(04) - NASA Contractor Report : Evaluation of Vacuum UV Detector-Spectroscopy Systems for Capsule Reentry Measurements

Title: NASA Contractor Report : Evaluation of Vacuum UV Detector-Spectroscopy Systems for Capsule Reentry Measurements

Title [statRep]: Ronald L. Ohlhaber, M. W. P. Cann and Harold V. Watts

Reference code: 2023-050/001(04)

Date: 1969 (date of creation)

Scope and content: File consists of a report prepared for IIT Research Institute, Chicago ILL, and submitted to the National Aeronautics and Space Administration, Washington DC.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/001(05) - Abstract : Light Sources in the Spectral Range 015 to 20 Microns

Title: Abstract : Light Sources in the Spectral Range 015 to 20 Microns

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/001(05)

Date: 1969 (date of creation)

Scope and content: File consists of a report prepared for the Physics Division, IIT Research Institute, Chicago ILL, with support from George C. Marshall, Space Flight Center, NASA.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/001(06) - Various published articles

Title: Various published articles

Title [statRep]: R. W. Nicholls and others

Reference code: 2023-050/001(06)

Date: 1969 (date of creation)

Scope and content: File consists of multiple published articles.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/001(07) - Various published articles

Title: Various published articles

Title [statRep]: R. W. Nicholls and others

Reference code: 2023-050/001(07)

Date: 1969 (date of creation)

Scope and content: File consists of multiple published articles.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/001(08) - Computer Program for Reducing Optical Absorption Data. : Supplementary Report

Title: Computer Program for Reducing Optical Absorption Data. : Supplementary Report

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/001(08)

Date: 1970 (date of creation)

Scope and content: File consists of a report prepared by ITT Research, Chicago, ILL.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/001(09) - Franck-Condon Factors and Related Quantities for Diatomic Molecular Band Systems : Spectroscopic Report No. 1

Title: Franck-Condon Factors and Related Quantities for Diatomic Molecular Band Systems : Spectroscopic Report No. 1

Title [statRep]: J. C. McCallum, W. R. Jarman, and R. W. Nicholls

Reference code: 2023-050/001(09)

Date: 1970 (date of creation)

Scope and content: File consists of a written report and tables for 108 molecular band systems.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/001(10) - Infrared Absorption of NO₂ and N₂O₄ : Supplementary Report

Title: Infrared Absorption of NO₂ and N₂O₄ : Supplementary Report

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/001(10)

Date: 1970 (date of creation)

Scope and content: File consists of the Project V1028 supplementary report No. 2 prepared by IIT Research Institute

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/001(11) - Franck-Condon Factors and Related Quantities : Additional Diatomic Molecular Bond Systems of N₂

Title: Franck-Condon Factors and Related Quantities : Additional Diatomic Molecular Bond Systems of N₂

Title [statRep]: J. C. McCallum, W. R. Jarman, and R. W. Nicholls

Reference code: 2023-050/001(11)

Date: 1972 (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/001(12) - Draft Documentation : Spect 3 Synthetic Spectrum Program System

Title: Draft Documentation : Spect 3 Synthetic Spectrum Program System

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/001(12)

Date: 1974 (date of creation)

Scope and content: File consists of technical note 2 prepared by CRESS.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/001(13) - Calculation of the Spectral Transmission of the Earth's Atmosphere in the Ultraviolet : Final Report

Title: Calculation of the Spectral Transmission of the Earth's Atmosphere in the Ultraviolet : Final Report

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/001(13)

Date: 1975 (date of creation)

Scope and content: File consists of a report prepared by CRESS for Atmospheric Environment Services, Downsview, Ontario.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/001(14) - Record of files and shared programs

Title: Record of files and shared programs

Reference code: 2023-050/001(14)

Date: 1977 (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(01) - Radiative Transfer Modelling Applied Ground-Based and Satellite Optical Data

Title: Radiative Transfer Modelling Applied Ground-Based and Satellite Optical Data

Title [statRep]: Norman Thomas O'Neil

Reference code: 2023-050/002(01)

Date: 1977 (date of creation)

Scope and content: File consists of a report prepared by CRESS.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(02) - Study on Realistic Calculation of Infrared Atmospheric Transmission: 2-5 Microns. : Final Report

Title: Study on Realistic Calculation of Infrared Atmospheric Transmission: 2-5 Microns. : Final Report

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/002(02)

Date: 1977 (date of creation)

Scope and content: File consists of a report prepared by CRESS for the Defence Research Establishment, Valcartier, Quebec.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(03) - Study of Range Attenuation of Infrared Emission Source : Interim Report

Title: Study of Range Attenuation of Infrared Emission Source : Interim Report

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/002(03)

Date: 1978 (date of creation)

Scope and content: File consists of a report prepared by CRESS for the Defence Research Establishment, Valcartier, Quebec.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(04) - Study of Range Attenuation of Infrared Emission Source : Interim Report Addendum : Listing of Special Line Data Set for CO2

Title: Study of Range Attenuation of Infrared Emission Source : Interim Report Addendum : Listing of Special Line Data Set for CO2

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/002(04)

Date: 1978 (date of creation)

Scope and content: File consists of a report prepared by CRESS for the Defence Research Establishment, Valcartier, Quebec.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(05) - Study of Range Attenuation of Infrared Emission Source : Final Report

Title: Study of Range Attenuation of Infrared Emission Source : Final Report

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/002(05)

Date: 1979 (date of creation)

Scope and content: File consists of a report prepared by CRESS for the Defence Research Establishment, Valcartier, Quebec.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(06) - Investigation of the Feasibility of Mapping Chlorophyll Fluorescence from Space

Title: Investigation of the Feasibility of Mapping Chlorophyll Fluorescence from Space

Title [statRep]: G. G. Shepherd, J. F. R. Gower, C. D. Anger, S. K. Babey, L. L. Cogger, R. B. Hicks, G. A. H. Walker, V. Bhatnagar, S. A. Gluckstein, S. C. Jain, S. Onlock, W. G. Weidmark, S. K. Babey, L. L. Cogger, J. Haslett, B. Hrishevich, P. King, M. Rao, L. Smith, M. W. P. Cann, J. E. Miller, R. W. Nicholls, and N. T. O'Neill

Reference code: 2023-050/002(06)

Date: 1981 (date of creation)

Scope and content: File consists of a report prepared by the Canadian Corporation for University Space Science, University of Western Ontario, for the Institute of Ocean Sciences of Fisheries and Oceans.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(07) - Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : Final Report

Title: Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : Final Report

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/002(07)

Date: 1981 (date of creation)

Scope and content: File consists of a report prepared by CRESS for Atmospheric Environment Services, Downsview, Ontario.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(08) - Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : First Quarterly Report

Title: Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : First Quarterly Report

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/002(08)

Date: 1982 (date of creation)

Scope and content: File consists of a report prepared by CRESS for Atmospheric Environment Services, North York, Ontario.'

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(09) - Investigation of the Feasibility of Mapping Chlorophyll Fluorescence from Space, Phase 2

Title: Investigation of the Feasibility of Mapping Chlorophyll Fluorescence from Space, Phase 2

Title [statRep]: G. G. Shepher, J. F. R. Gower, C. D. Anger, S. K. Babey, G. Walker, J. S. Murphree, A. L. Broadfoot, A. Bens, S. C. Jain, H. H. Zwick, F. E. Bunn, J. R. Miller, M. W. P. Cann, R. W. Nicholls, and R. Peterson.

Reference code: 2023-050/002(09)

Date: 1982 (date of creation)

Scope and content: File consists of a report prepared by the Canadian Corporation for University Space Science, University of Western Ontario, for the Institute of Ocean Sciences of Fisheries and Oceans.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(10) - Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : Second Quarterly Report

Title: Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : Second Quarterly Report

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/002(10)

Date: 1982 (date of creation)

Scope and content: File consists of a report prepared by CRESS for Atmospheric Environment Services, North York, Ontario.'

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(11) - Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : Third Quarterly Report

Title: Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : Third Quarterly Report

Title [statRep]: M. W. P. Cann, C. W. Lui, and R. W. Nicholls

Reference code: 2023-050/002(11)

Date: 1982 (date of creation)

Scope and content: File consists of a report prepared by CRESS for Atmospheric Environment Services, North York, Ontario.'

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(12) - Report on Program CN060

Title: Report on Program CN060

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/002(12)

Date: 1983 (date of creation)

Scope and content: File consists of a description of a computer program prepared by CRESS.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(13) - Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : Fifth Quarterly Report

Title: Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : Fifth Quarterly Report

Title [statRep]: M. W. P. Cann, C. W. Lui, and R. W. Nicholls

Reference code: 2023-050/002(13)

Date: 1983 (date of creation)

Scope and content: File consists of a report prepared by CRESS for Atmospheric Environment Services, North York, Ontario.'

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(14) - Program CN113 : Description

Title: Program CN113 : Description

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/002(14)

Date: 1983 (date of creation)

Scope and content: File consists of a description of the program.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(15) - Report on Program CN056

Title: Report on Program CN056

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/002(15)

Date: 1983 (date of creation)

Scope and content: File consists of a description of a computer program prepared by CRESS.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(16) - Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : Sixth Quarterly Report

Title: Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : Sixth Quarterly Report

Title [statRep]: M. W. P. Cann, C. W. Lui, and R. W. Nicholls

Reference code: 2023-050/002(16)

Date: 1983 (date of creation)

Scope and content: File consists of a report prepared by CRESS for Atmospheric Environment Services, North York, Ontario.'

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(17) - Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : Aspects of Spectral Line Absorption Theory, the Anomalous Absorption of Water Vapour : Eighth Quarterly Report

Title: Theoretical Computations of Microwave Transmission and Emittance for a Real Atmosphere : Aspects of Spectral Line Absorption Theory, the Anomalous Absorption of Water Vapour : Eighth Quarterly Report

Title [statRep]: M. W. P. Cann, C. W. Lui, and R. W. Nicholls

Reference code: 2023-050/002(17)

Date: 1983 (date of creation)

Scope and content: File consists of a report prepared by CRESS for Atmospheric Environment Services, North York, Ontario.'

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(18) - Spectral Transmissions : Group DD

Title: Spectral Transmissions : Group DD

Title [statRep]: M. W. P. Cann [?]

Reference code: 2023-050/002(18)

Date: 1985-1987 (date of creation)

Scope and content: File consists of wave line graph printouts.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(19) - Spectral Transmissions : Group EE

Title: Spectral Transmissions : Group EE

Title [statRep]: M. W. P. Cann [?]

Reference code: 2023-050/002(19)

Date: 1985-1987 (date of creation)

Scope and content: File consists of wave line graph printouts.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/002(20) - Self-Broadened Spectra : Group C

Title: Self-Broadened Spectra : Group C

Title [statRep]: M. W. P. Cann [?]

Reference code: 2023-050/002(20)

Date: 1985 (date of creation)

Scope and content: File consists of wave line graph printouts.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(01) - Self-Broadened Spectra : Group D

Title: Self-Broadened Spectra : Group D

Title [statRep]: M. W. P. Cann [?]

Reference code: 2023-050/003(01)

Date: 1985 (date of creation)

Scope and content: File consists of wave line graph printouts

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(02) - Self-Broadened Spectra : Group E

Title: Self-Broadened Spectra : Group E

Title [statRep]: M. W. P. Cann [?]

Reference code: 2023-050/003(02)

Date: 1985 (date of creation)

Scope and content: File consists of wave line graph printouts.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(03) - Study of Temperature Dependence of CO2 Absorption in the 4- μ m Region : Final Report

Title: Study of Temperature Dependence of CO2 Absorption in the 4- μ m Region : Final Report

Title [statRep]: M. W. P. Cann, J. B. Shin, and R. W. Nicholls

Reference code: 2023-050/003(03)

Date: 1986 (date of creation)

Scope and content: File consists of a report prepared by CRESS for the Defence Research Establishment, Valcartier, Quebec.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(04) - CN189 Instruction manual : A Synthetic Spectrum Program for Atmospheric Applications in the Infrared Spectral Region

Title: CN189 Instruction manual : A Synthetic Spectrum Program for Atmospheric Applications in the Infrared Spectral Region

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/003(04)

Date: 1986 (date of creation)

Scope and content: File consists of a report prepared by CRESS for the Defence Research Establishment, Valcartier, Quebec.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(05) - Physical Phenomenology of Passive Microwave Remote Sensing of Snow, Ice and Water : Final Report

Title: Physical Phenomenology of Passive Microwave Remote Sensing of Snow, Ice and Water : Final Report

Title [statRep]: M. W. P. Cann, C. W. Lui, and R. W. Nicholls

Reference code: 2023-050/003(05)

Date: 1989 (date of creation)

Scope and content: File consists of a report prepared by CRESS for Atmospheric Environment Services, Ice Branch.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(06) - Spect 3 : Program CN006

Title: Spect 3 : Program CN006

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/003(06)

Date: 1989 (date of creation)

Scope and content: File consists of a computer program printout prepared by CRESS

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(07) - Program CN255

Title: Program CN255

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/003(07)

Date: 1989 (date of creation)

Scope and content: File consists of a computer program printout. Fortran rendering of a program in Basic by P. L. Roney for calculating a spectrum with line coupling, using the Roney theory without Doppler effects.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(08) - Spectral Line Parameters for the O2 Herzberg I Band System

Title: Spectral Line Parameters for the O2 Herzberg I Band System

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/003(08)

Date: 1990 (date of creation)

Scope and content: File consists of a published article. Publisher: Can J. Phys. Vol 69, 1991

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(09) - Proposal : High Resolution Atmospheric Absorption Models

Title: Proposal : High Resolution Atmospheric Absorption Models

Title [statRep]: R. W. Nicholls and Joan Wick Pelletier

Reference code: 2023-050/003(09)

Date: 1991 (date of creation)

Scope and content: File consists of a proposal to the Defence Research Establishment, Valcartier and Department of Supply and Services, Eastern Quebec Region.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(10) - Program CN189 : Passing Instructions to Subroutine USUB

Title: Program CN189 : Passing Instructions to Subroutine USUB

Reference code: 2023-050/003(10)

Date: 1991 (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(11) - Correspondence : Dan Williams

Title: Correspondence : Dan Williams

Reference code: 2023-050/003(11)

Date: 1991 (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(12) - Group Meeting Notes

Title: Group Meeting Notes

Reference code: 2023-050/003(12)

Date: 1991 (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(13) - Program CN228

Title: Program CN228

Reference code: 2023-050/003(13)

Date: 1991 (date of creation)

Scope and content: File consists of a computer program printout : manual entry.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(14) - High Resolution Atmospheric Absorption Models : Interim Report

Title: High Resolution Atmospheric Absorption Models : Interim Report

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/003(14)

Date: 1992 (date of creation)

Scope and content: File consists of interim report on contract for Defense Research Establishment Valcartier, Quebec

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(15) - Job 1309

Title: Job 1309

Reference code: 2023-050/003(15)

Date: 1993 (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(16) - A General Application Spectrum Synthesis Program (GASSP) : Proposal

Title: A General Application Spectrum Synthesis Program (GASSP) : Proposal

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/003(16)

Date: 1993 (date of creation)

Scope and content: File consists of a report prepared by CRESS for the Defence Research Establishment, Valcartier, Quebec.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(17) - A General Application Spectrum Synthesis Program (GASSP)

Title: A General Application Spectrum Synthesis Program (GASSP)

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/003(17)

Date: 1993 (date of creation)

Scope and content: File consists of a report prepared by CRESS for the Defence Research Establishment, Valcartier, Quebec.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(18) - CNNF 0336 : CO2 Absorption the O2 Broadening Component

Title: CNNF 0336 : CO2 Absorption the O2 Broadening Component

Reference code: 2023-050/003(18)

Date: 1993 (date of creation)

Scope and content: File consists of wave line graphs

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(19) - Correspondence : Alex Holubec

Title: Correspondence : Alex Holubec

Reference code: 2023-050/003(19)

Date: 1993 (date of creation)

Scope and content: File consists of emails, re: calculation of the Voigt function.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/003(20) - Infrared Transmission Studies – Wyatt, Stull, Plass

Title: Infrared Transmission Studies – Wyatt, Stull, Plass

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/003(20)

Date: [197-?] (date of creation)

Physical description: 3 films : 35mm

Publication status:

Published

File: 2023-050/004(01) - Spect 3 / Spect 3A

Title: Spect 3 / Spect 3A

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/004(01)

Date: 1994 (date of creation)

Scope and content: File consists of a computer program printout

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/004(02) - Program CN189 : Subroutine File Input / Output

Title: Program CN189 : Subroutine File Input / Output

Reference code: 2023-050/004(02)

Date: 1994 (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/004(03) - Changes and additions to the CN189 instruction list

Title: Changes and additions to the CN189 instruction list

Reference code: 2023-050/004(03)

Date: 1994 (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/004(04) - Program CN189 : Flow Chart for Subroutine Pict

Title: Program CN189 : Flow Chart for Subroutine Pict

Reference code: 2023-050/004(04)

Date: 1994 (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/004(05) - Job 9189

Title: Job 9189

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/004(05)

Date: 1995 (date of creation)

Scope and content: File consists of a computer program printout

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/004(06) - Job CNNB 2171

Title: Job CNNB 2171

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/004(06)

Date: 1995 (date of creation)

Scope and content: File consists of a computer program printout

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/004(07) - York Computing Services : Data graphs YFSC 0008

Title: York Computing Services : Data graphs YFSC 0008

Reference code: 2023-050/004(07)

Date: 1995 (date of creation)

Scope and content: File consists of wave line graphs printed from York computer system

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/004(08) - Proposal for study on synergetic observations of Earth radiation mission instruments

Title: Proposal for study on synergetic observations of Earth radiation mission instruments

Reference code: 2023-050/004(08)

Date: 1996 (date of creation)

Scope and content: File consists of a proposal prepared by MPB Technologies, Pointe Claire QC; Institute for Space and Terrestrial Science; Department de Physique Universite du Quebec a Montreal; Canada Centre for Remote Sensing. Submitted to European Space Research and Technology Centre, The Netherlands.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/004(09) - Emails related to contracts

Title: Emails related to contracts

Reference code: 2023-050/004(09)

Date: 1996-1997 (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/004(10) - Draft : Study on Synergetic Observations of Earth Radiation Mission Instruments : Task 1 Technical Report

Title: Draft : Study on Synergetic Observations of Earth Radiation Mission Instruments : Task 1 Technical Report

Title [statRep]: Ralph Girard, P. S. Park, S. Pal, M. Cann, I. Rubinstein, J. P. Blanchet, M. Larocque and Louis Garand.

Reference code: 2023-050/004(10)

Date: 1997 (date of creation)

Scope and content: File consists of a report prepared by Ralph Girard and P. S. Park, MPB Technologies; S. Pal, M. Cann, and I. Rubinstein, Institute of Space and Terrestrial Sciences; J. P. Blanchet and M. Larocque, Dept de Physique Universite du Quebec a Montreal; Louis Garand, CMC. Submitted to Paul Ingmann, Scientific Authority, European Space Research and Technology Centre, The Netherlands.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/004(11) - Study on Synergetic Observations of Earth Radiation Mission Instruments : Task 2 Report

Title: Study on Synergetic Observations of Earth Radiation Mission Instruments : Task 2 Report

Title [statRep]: Ralph Girard, P. S. Park, S. Pal, M. Cann, P. Duggan, I. Rubinstein, J. P. Blanchet, and M. Larocque

Reference code: 2023-050/004(11)

Date: 1998 (date of creation)

Scope and content: File consists of a report prepared by Ralph Girard and P. S. Park, MPB Technologies; S. Pal, M. Cann, P. Duggan, and I. Rubinstein, Institute of Space and Terrestrial Sciences, York U; J. P. Blanchet and M. Larocque, Dept de Physique Universite du Quebec a Montreal. Submitted to European Space Research and Technology Centre.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/004(12) - Correspondence between Marc Larocque and M. W. P. Cann

Title: Correspondence between Marc Larocque and M. W. P. Cann

Reference code: 2023-050/004(12)

Date: 1998 (date of creation)

Scope and content: File consists of emails, Re: Radiation Fields.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/005(01) - PAINS

Title: PAINS

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/005(01)

Date: 1998 (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/005(02) - User Manual : Passive Instruments Modules : Program PAINS

Title: User Manual : Passive Instruments Modules : Program PAINS

Reference code: 2023-050/005(02)

Date: 1999 (date of creation)

Scope and content: File consists of a report prepared by CRESS.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/005(03) - Presentation : Passive Instrument Modules

Title: Presentation : Passive Instrument Modules

Title [statRep]: M. W. P. Cann and R Berman

Reference code: 2023-050/005(03)

Date: 1999 (date of creation)

Scope and content: File consists of a report prepared by CRESS.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/005(04) - Draft of a Development of a General Application Spectrum Synthesis Program [GASSP]

Title: Draft of a Development of a General Application Spectrum Synthesis Program [GASSP]

Title [statRep]: M. W. P. Cann and R. W. Nicholls

Reference code: 2023-050/005(04)

Date: 1999 (date of creation)

Scope and content: File consists of a report prepared by CRESS for the Defence Research Establishment, Valcartier, Quebec. Scientific Authority: C.Carrier, Electro-Optics Division, DREV.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/005(05) - Instructions for running the program {GASSP?}

Title: Instructions for running the program {GASSP?}

Reference code: 2023-050/005(05)

Date: 2000 (date of creation)

Scope and content: File contains instructions that were prepared by CRESS on how to run the program.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/005(06) - CN189 Program Manual

Title: CN189 Program Manual

Reference code: 2023-050/005(06)

Date: [1986] (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/005(07) - PAINS manual : Simulation Models

Title: PAINS manual : Simulation Models

Reference code: 2023-050/005(07)

Date: [1998] (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/005(08) - Elsasser Function : Tables and Graphs

Title: Elsasser Function : Tables and Graphs

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/005(08)

Date: [19--] (date of creation)

Scope and content: File consists of tables and graphs.

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/005(09) - Program Capabilities and Options : Spect 3 Program

Title: Program Capabilities and Options : Spect 3 Program

Reference code: 2023-050/005(09)

Date: [1989?] (date of creation)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/006(01) - Drev 1980-1986

Title: Drev 1980-1986

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/006(01)

Date: 1980-1986 (date of creation)

Scope and content: File consists of spectrum graphs

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/006(02) - Frequency graphs : General 1981-1984

Title: Frequency graphs : General 1981-1984

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/006(02)

Date: 1981-1984 (date of creation)

Scope and content: File consists of wave line profiles

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/006(03) - Waveline graphs : OPTC 1989

Title: Waveline graphs : OPTC 1989

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/006(03)

Date: 1989 (date of creation)

Scope and content: File consists of wave line graphs

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/007(01) - Spectrum graphs : Plate 3002 to ... ++

Title: Spectrum graphs : Plate 3002 to ... ++

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/007(01)

Date: 1991-1992 (date of creation)

Scope and content: File consists of spectrum graphs

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/007(02) - Densitometer Output : NRC Herzberg Plate

Title: Densitometer Output : NRC Herzberg Plate

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/007(02)

Date: 1991 (date of creation)

Scope and content: File consists of spectrum graphs

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/007(03) - Densitometer Output : NRC Herzberg Plate

Title: Densitometer Output : NRC Herzberg Plate

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/007(03)

Date: 1991 (date of creation)

Scope and content: File consists of wavelength graphs

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/007(04) - Simulation Plots of NRL Spectrum S154

Title: Simulation Plots of NRL Spectrum S154

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/007(04)

Date: 1995 (date of creation)

Scope and content: File consists of wavelength graphs

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/007(05) - Radiance Watts

Title: Radiance Watts

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/007(05)

Date: 1995 (date of creation)

Scope and content: File consists of a roll graph of spectra

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/007(06) - Radiance Watts

Title: Radiance Watts

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/007(06)

Date: 1995 (date of creation)

Scope and content: File consists of a roll graph of spectra

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/008(01) - DREV 1975-1977

Title: DREV 1975-1977

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/008(01)

Date: 1975-1977 (date of creation)

Scope and content: File consists of wave line profiles – emissions viewed ... (?)

Physical description: 1 folder of textual records

Publication status:

Published

File: 2023-050/008(02) - The Absorption of Molecular Oxygen 1780 to 3020 Angstroms

Title: The Absorption of Molecular Oxygen 1780 to 3020 Angstroms

Title [statRep]: M. W. P. Cann

Reference code: 2023-050/008(02)

Date: 1982-1983 (date of creation)

Scope and content: File consists of spectrum graphs

Physical description: 1 folder of textual records

Publication status:

Published
