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Finding Aid

➤Thomas Greene Papers, 1971 to 1976◀
UM 45

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Location: R 2/S A

Completed by: Janice Colwell, October 6, 1997

**Thomas Greene
Papers, 1971-1976**

Biographical Sketch

Thomas Greene was a graduate student and member of the physics department at the University of Toledo during the 1970's. Born in 1944, Greene spent most of his early life in Boston as the youngest of his widowed mother's eight children. He graduated with a B.S. in physics from Boston College in 1966. After beginning his graduate study at Lowell, Massachusetts, he was invited to be transferred to the physics department of the University of Toledo along with his research advisor in 1967.

Greene received research support from NASA during completion of his doctoral thesis. Of interest to its Manned Spacecraft Center, it then became a part of NASA's library. He received his masters in physics from the University of Toledo in 1970 and his Ph.D. in 1971.

In addition to teaching physics courses, Greene had an interest in technical administration. During the 1970's, he served as an administrator in the office of Institutional Research and Administrative Planning.

Green's major published work at the University of Toledo was in the field of electron and atomic excitation.

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Scope and Content Note

This collection contains research materials written or compiled by Tom Green. His research pertains to the field of physics, primarily electron and atom excitation. Research also contains multiple theories, proposals, including the NASA proposal, and notes on the Modified Bethe Approximation. Other materials include biographical information on Greene, course materials from his physics classes, information on the organizations he was affiliated with including the American Physical Society, and correspondence with students and professionals.

The materials are organized in alphabetical order by subject.

Thomas Greene
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Folder List

Box	Folder	Item Description
1	1	Biographical Materials
1	2	Biographical Materials- Vitas
1	3	UT Activities- Course Materials- Atomic & Molecular Text
1	4	UT Activities- Course Materials- Atomic-Sodium Study
1	5	UT Activities- Course Materials- Mott and Massey Text
1	6	UT Activities- Departmental- Financial Estimates
1	7	UT Activities- Organizations- American Institute of Physics
1	8	UT Activities- Organizations- The American Physical Society
1	9	UT Activities- Organizations- Association for Comp. Mach. 1972
1	10	UT Activities- Organizations- Association for Comp. Mach. 1974
1	11	UT Activities- Organizations- A.D.I.S.
1	12	Correspondence- Employment Related
1	13	Correspondence- Graduate Student Related
1	14	Correspondence- Professional
1	15	Correspondence- Thesis Related
2	1	Research and Related notes (by Greene)
2	2	Research- Coulomb Wave Function Theory
2	3	Research- Electron Excitation
2	4	Research- Ph.D. Thesis on Electron Excitation
2	5	Research- Modified Bettie Approximation, 1970
2	6	Research- Modified Bettie Approximation, 1972
2	7	Research- Modified Bettie Approximation- Test Case Discussion
2	8	Research- Research Proposal, 1970
2	9	Research- NASA Proposal 1972
2	10	Research- Manned Spacecraft Center
2	11	Research- Notes (Miscellaneous)
2	12	Research- Notes- Pseudo-Pot.
2	13	Research- By Others
2	14	Research- Rare Cases
2	15	Research- Test of Orthogonality (Wave Functions)
2	16	Research- Wave Function Graphs