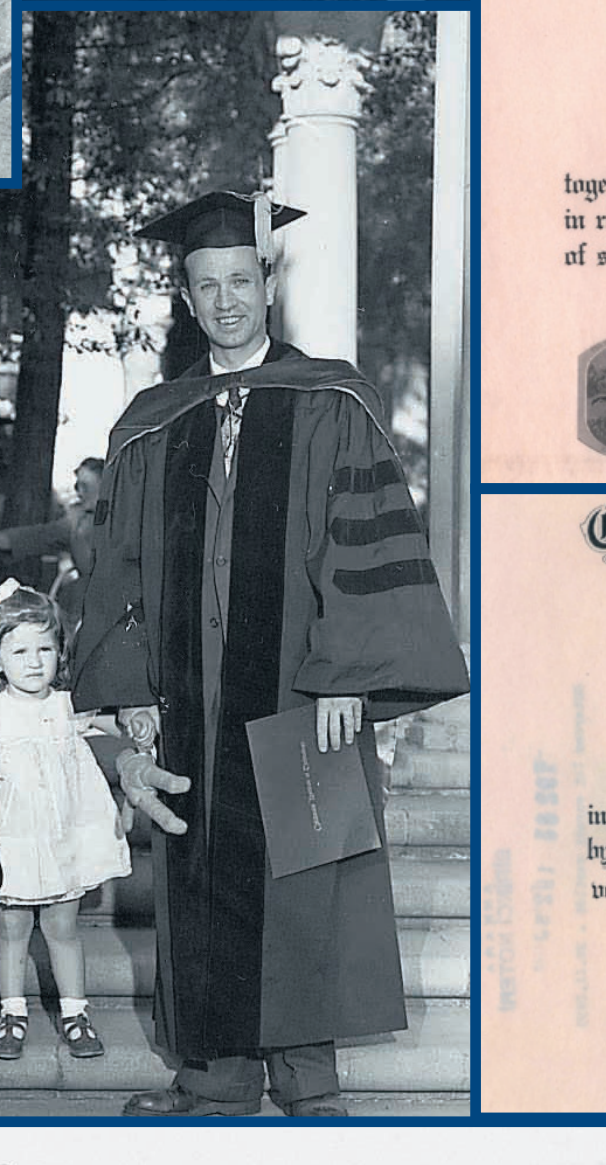
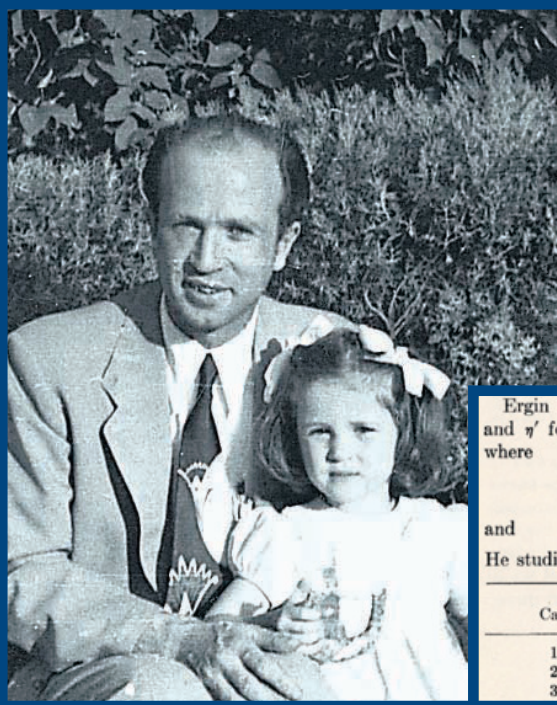
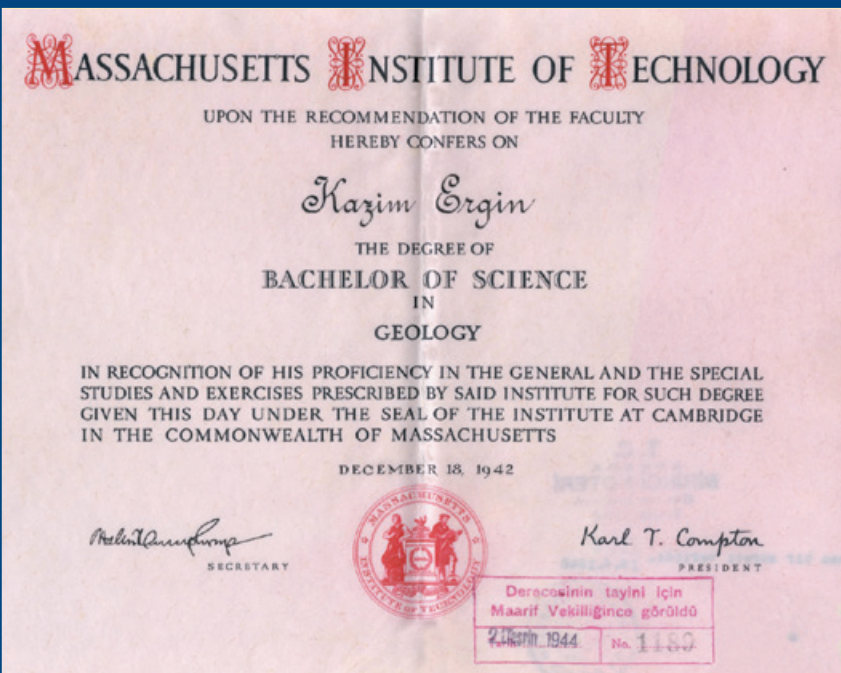


Prof. Dr. M. Kâzım Ergin

21 Mayıs 1915 — 24 Kasım 2002



Türkiye’de modern Jeofizik biliminin kurucusu, İTÜ Rektörü, Maden Fakültesi Dekanı, TÜBİTAK Başkanı, MTA, ETİBANK, TPAO, European Science Foundation, UNESCO, NATO Türkiye Temsilciliği gibi bir çok kurumda Türkiye’yi ve Jeofizik Mühendisliği Bilimini Türkiye’de ve Dünya’da tanıtan, 1992 yılında TÜBİTAK Hizmet Ödülü ile ödüllendirilen çok kıymetli hocamız...



REPORT AND RECOMMENDATION

ERGİN [10] has computed the square roots of the energy ratios ξ_r , ξ_t and η' for reflected P , transmitted P , and transmitted S , respectively, where

$$\xi_r = \frac{A_r}{A_i}, \quad \xi_t = \frac{\sqrt{p} \tan^2 \theta'}{p \tan \theta}, \quad \eta' = \frac{\sqrt{p} \tan^2 \theta'}{p \tan \theta},$$

and

$$1 = \xi_r^2 + \xi_t^2 + \eta'^2$$

He studied the following three cases:

Case	θ'/θ	θ'/α	θ'/β
1	1.6	3.0	3.0
2	1.7	3.0	3.0
3	1.8	3.0	3.0

ERGİN [10] has computed the square roots of the energy ratios ξ_r , ξ_t and η' for reflected P , transmitted P , and transmitted S , respectively, where

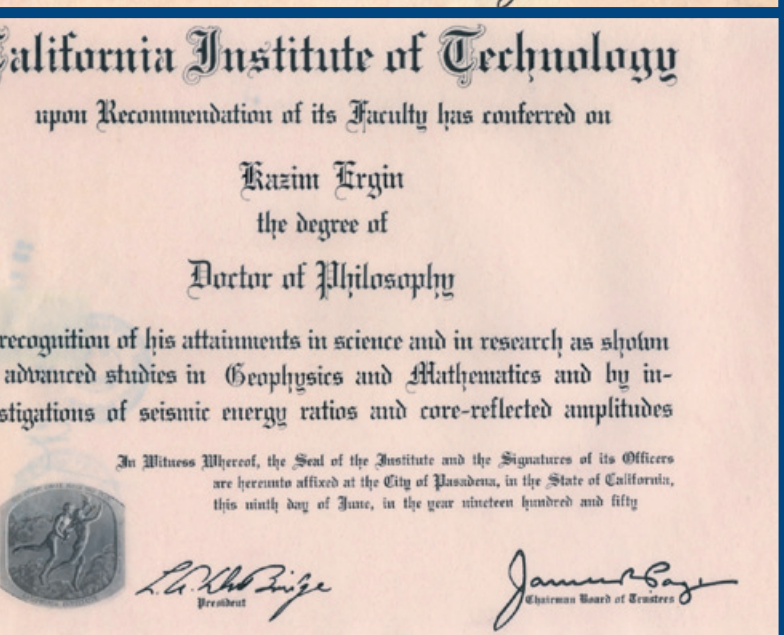
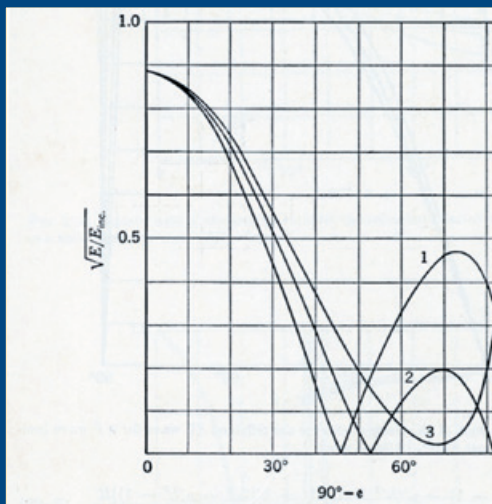
$$\xi_r = \frac{A_r}{A_i}, \quad \xi_t = \frac{\sqrt{p} \tan^2 \theta'}{p \tan \theta}, \quad \eta' = \frac{\sqrt{p} \tan^2 \theta'}{p \tan \theta},$$

and

$$1 = \xi_r^2 + \xi_t^2 + \eta'^2$$

He studied the following three cases:

Case	θ'/θ	θ'/α	θ'/β
1	1.6	3.0	3.0
2	1.7	3.0	3.0
3	1.8	3.0	3.0

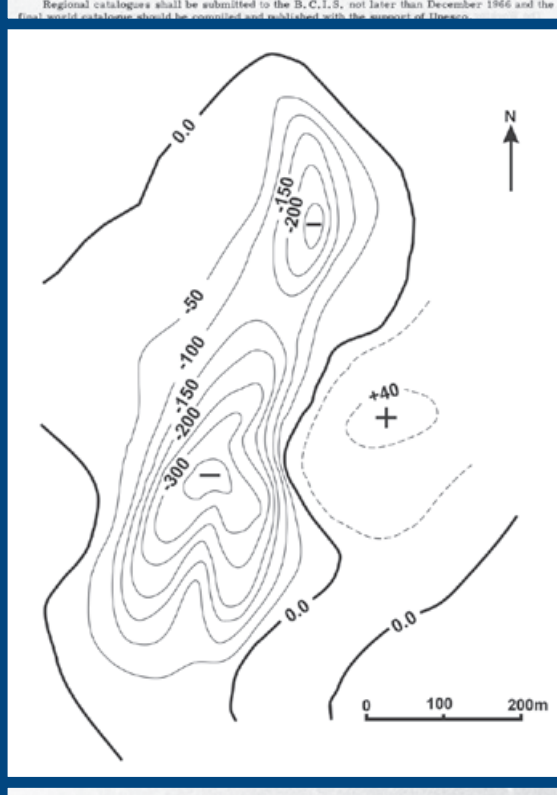


Potential Theory

Lectures by

Prof. H. Bateman

Kâzım Ergin



PROGRAM

Presiding: James R. Page, LL.D., Chairman of the Board of Trustees

ORGAN PRELUDE:

AMIGO CANTABLE.....Breitboven

TRUMPET VOLUNTARY.....Purcell

HERBIDEAN PASTORALE.....Neubitt

DEDICATION.....Feliza

James H. Shearer, A. R. C. M., A. R. C. O., Organist

PROCESSIONAL MARCH... TRIUMPHAL MARCH... Clerk

INVOCATION AND CHAPLAIN'S ADDRESS

The Reverend Curtis Beach, A. B., B. D.

Pastor of the Neighborhood Church, Pasadena

COMMENCEMENT ADDRESS: "THE FIGHT FOR FREEDOM"

Lee A. DuBridge, Ph.D., Sc.D.

President of the California Institute of Technology

THE SOCIETY OF THE SIGMA XI

DEVOTED TO THE PROMOTION OF RESEARCH IN SCIENCE

BY THIS CERTIFICATE WARRANTS THAT

KAZIM ERGIN

WAS DULY ELECTED A MEMBER OF THE CALIFORNIA INSTITUTE OF TECHNOLOGY CHAPTER OF THE SOCIETY OF THE SIGMA XI ON THE 23rd DAY OF MAY IN THE YEAR 1950 AND IS FULLY ENTITLED TO ALL THE PRIVILEGES GRANTED BY THE CONSTITUTION AND BY-LAWS.

Dear Tiger

CHAPTER PRESIDENT

Peter Pappas

CHAPTER SECRETARY



California Institute of Technology Weekly Calendar

Pasadena 4, California

Vol. 25, No. 7 PUBLISHED EVERY THURSDAY NOVEMBER 3, 1949

MONDAY, NOVEMBER 7

A.S.C.E. STUDENT CHAPTER, 208 Throop, 11:00 A. M.

"Treatment of Water Containing Radio Active Wastes," Ray L. Derby, Principal Sanitary Engineer, Department of Water and Power, City of Los Angeles.

AERONAUTICS SEMINAR, 155 Arms, 1:00 P. M.

"Self-Excited Torsional Oscillation of an Airfoil," Mr. Raymond L. Chuan.

GEOPHYSICS SEMINAR, 207 Mudd, 3:00 P. M.

"The Partition of Energy among Seismic Waves Reflected and Refracted at the Bottom of the Oceans," Mr. Kazim Ergin.

California Institute of Technology Weekly Calendar

Pasadena 4, California

Vol. 25, No. 30 PUBLISHED EVERY THURSDAY MAY 4, 1950

WEDNESDAY, May 10

FINAL DOCTORATE EXAMINATION OF KAZIM ERGIN, 212 Mudd, 2:00 P. M.

Committee: Professors Gutenberg (Chairman), Benioff, Erdelyi, Noble, Richter, and Ward.

Thesis: I. "Energy Ratio of the Seismic Waves Reflected and Refracted at a Rock-Water Boundary." II. "Amplitudes of PcP, PcS, ScS and ScP in Deep Focus Earthquakes."

California Institute of Technology

COMMENCEMENT EXERCISES

Friday afternoon

June ninth, nineteen fifty

at four-thirty o'clock

