

MATH GEOLOGIST RUNS AFOUL OF LAW

Jury convicts skateboarder

SEATTLE (AP) — Jack Zektzer, a 40-year-old unemployed "mathematician, geologist and computer programmer," has been convicted by a jury of playing with his skateboard in the street.

Zektzer demanded a jury trial after police ticketed him on March 18. The ticket read, "playing in the streets—skateboarding."

Zektzer told the jury Thursday the law was "dumb, vague and unconstitutional."

The jury took 10 minutes to hear the case. It took another half hour to reach the guilty verdict.

Municipal Judge Charles Johnson fined Zektzer \$25 and added \$50 court costs to the original \$5 ticket.

4-YEAR FINANCIAL SUMMARY

Assets of the International Association for Mathematical Geology totaled 5,763.98 Swiss Francs (\$1,692.93) at the time of the 2nd General Assembly in 1972. Current assets of the Association at the time of the 3rd General Assembly are \$8423.49. Growth in Association's assets has come through member dues, Corporate and Academic member contributions, and royalty payments for Association publications. A complete financial statement as of July 15, 1976, is available upon request from the Office of the Western Treasurer.

CORPORATE AND ACADEMIC MEMBERS FOR 1976



Exxon Company U. S. A.
Gas Council (U.K.)
Kansas Geological Survey
Kennecott Copper Corporation



The financial support and encouragement of these progressive organizations is gratefully acknowledged by the International Association for Mathematical Geology.

DON'T PAY FLEETBOOKS!

All IAMG members are AGAIN reminded to pay their annual dues and subscription directly to and only to the Western Treasurer. Do not pay Fleetbooks, SA or any other bookseller or subscription agency! If you receive an invoice from anyone other than the Western Treasurer for your subscription to Mathematical Geology, ignore it! Only the Association, through the Office of the Western Treasurer, is authorized to issue member's rate subscriptions (\$12 US plus \$3 annual dues). The Association cannot assist in subscription problems unless your dues and subscription have been paid directly to the Association. Payment to commercial booksellers deprives the Association of your membership dues which are necessary to cover the costs of other services to the membership. Postage and printing costs are rising, and the Association needs the cooperation of every member, in the form of their subscription and annual dues, to help meet these costs.

CALL FOR PAPERS

Papers on geological computer applications are being solicited by the Committee on Computer Applications to Geology for the AAPG-SEPM Annual Meeting to be held June 12-16, 1977, in Washington, D. C. Any member of the AAPG or SEPM, or any other person sponsored by a member, may submit a title and abstract for consideration by the Program Committee.

The Committee is seeking papers that are primarily geological but use computer techniques, rather than papers dealing in the fundamentals of statistical and mathematical methods. Topics can include work related to the following: Interpreted gravity-magnetics, seismic, velocity, and geological data in exploration and production of oil, gas, coal, oil shale, and nonpetroleum minerals.

Direct inquiries to:

Mark McElroy
Phillips Petroleum Company
252 Frank Phillips Building
Bartlesville, Oklahoma 74004

FORMER EIGEN MEMORIAL IN PARIS--A new report by the R.G.V. Eigen Memorial Committee

It is not generally known that for a long period Rudolf Eigen had a memorial to his genius in the form of a small station on the Paris Métro system. The first line of the Métro was built between Porte de Vincennes and Porte Maillot and came into operation in 1900. In a surprise decision, the Directoire du Métro designated a station to be named in honor of Eigen in recognition both of his scientific contributions and almost legendary standing with Parisians of his day. However, the choice of an Austrian mathematician had pointed political overtones and was used as part of an abortive diplomatic initiative to drive a wedge between the Austrian and German emperors. Théophile Delcassé, the French minister for foreign affairs, presented the station keys to the Emperor Franz Josef in a formal court ceremony at the Schönbrunn Palace in Vienna.

The station would have receded into the anonymity of the rest of the Métro network but for the unusual role it was to play during the Second World War. In 1940, German forces commandeered the station and made it headquarters for the Zugkommando (Zk) Gruppe III, a highly specialized combat unit of Wehrmacht railway engineers. The Zk units had a poorly defined but ambitious role in Operation Sealion (the projected invasion of England). Their function focussed on a planned amphibious assault executed from E-boats striking up the Thames and aimed at the paralysis or control of London's railway termini and underground system.

With the wane of interest in Operation Sealion, control of the station shifted to the Luftwaffe and Eigen station was eventually used as a shipping point for paintings intended for Göring's art collection.

The station met its end at the hands of German army demolition squads in the withdrawal from Paris in 1944. Economics of Métro operation mitigated against a reopening of the station and the name of Eigen has disappeared from post-war Métro maps.



Assault boat training for Sea Lion in a French river, Ullstein

7th MINI-SYMPOSIUM ON COMPUTER TECHNOLOGY

The Computer Technology Research Group of the SEPM will sponsor a mini-symposium titled "Application of Petrophysical Well Logs to Sedimentary Facies Interpretation" at the AAPG-SEPM Annual Meeting, Washington, D.C., on June 12, 1977. The theme of the symposium will be recent developments in lithological and sedimentological interpretation of well log data. Computer technology will be central to the development of the topic. For further information contact the session chairman: John H. Doveton, Kansas Geological Survey, 1930 Avenue A, Campus West, Lawrence, Kansas 66044.

APCOM 76

14th International Symposium on Application of Computer Methods in the Mineral Industries will be held at Pennsylvania State University, University Park, Pennsylvania, on October 4-8, 1976. The program includes more than 80 papers on use of computers and operations research methods in mining companies, research institutions, universities, and consulting firms in 16 different countries. The keynote session and a session on National Planning for Mineral Resources will highlight the use of computers and mathematical models for government planning. Other sessions will cover: Pattern Recognition with Earth Data; Project Financial Analysis; Investment Planning; Mine Environmental Analysis; Management Information Systems; Exploration; Ore Reserve Estimation; Geostatistical Applications; Production Planning and Control; Mineral Processing; Economic Model for the Mineral Industry; and Case Studies from Industry.

Immediately preceding APCOM, a program of five short courses will be held:

- I. Geostatistical Ore Reserve Estimation
- II. Optimization Techniques in the Mineral Industries
- III. Computer Simulation Models for Coal Mine Planning
- IV. "System Dynamics" Models in the Mineral Industries
- V. Workshop on Computer Analysis of Landsat Data for Natural Resource Applications.

For more information, contact Ron Avillion, Conference Coordinator, 410 Keller Building, University Park, Pennsylvania 16802.

U.S. REGIONAL MEETING

The United States Regional Organization will hold an informal session at the Annual Meeting of the Geological Society of America in Denver on Monday, 8 November 1976 from 4:00 to 5:00 p.m. The room assignments have not yet been made; notice of the meeting with exact location will appear in the GSA program.



The 15th International Symposium on the Application of Computers and Mathematics in the Mineral Industry will be held at the University of Queensland, Brisbane, Australia, on July 4-8, 1977. For information, write the Secretary, Australasian Institute of Mining and Metallurgy, P.O. Box 310, Carlton South, Victoria 3053, Australia.

Dear Sir,

It has come to my notice that you intend to publish yet another biographical item on R. V. Eigen. Pleased as I am that a compatriot of mine is thus belatedly honoured, I would like to draw attention to the important contribution made by the eminent French mathematician, Francois Propere. Possibly due to the somewhat individualistic development of the French school, it is not generally known that Propere discovered the latent roots of matrices almost simultaneously with Eigen. Indeed, many authors prefer the term "Proper value" to "Eigen value" since the priority of discovery has never been established.

I have not been able to find any biographical data of Propere, but I am sure that your team of researchers will be able to do so.

Yours faithfully,
W.S.

GOGUEL COLLOQUIUM

Professor J. Goguel will be honored by a scientific jubilee to be held in Paris and in Orléans on May 4-6, 1977. The international colloquium will discuss quantitative methods for the determination of fields, stresses, and energy flows within the Earth. Session IV, titled "Present Trends in Quantitative Geology," is of particular interest to members of the IAMG. The session will emphasize the choice of parameters and their interpretation and influence on mapping. For further information, write:

J. Bodelle
Secrétaire du Comité d'Organisation
Colloque J. Goguel
Direction du Service Géologique National
BRGM - B.P. 6009
45018 Orléans Cédex France

FIRST OF NEW SERIES

Geological Factor Analysis, by K. G. Joreskog, J. E. Klovan, and R. A. Reymont, has just been published by Elsevier Scientific Publishing Co. The first volume in the series Methods in Geomathematics, the book is softbound and contains 178 pages. Topics covered include basic matrix algebra, objectives of factor analysis, R-mode methods, Q-mode methods, computational steps, and examples. The latter are drawn from all branches of the Earth sciences. Available from Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, or American Elsevier Publishing Co., 52 Vanderbilt Ave., New York 10017.

Richard Reymont is President of the IAMG and Ed Klovan is a member of the IAMG Council.

ELECTION OF U.S. OFFICERS

The following slate of candidates for the United States Regional Organization has been prepared in response to a call for nominations in IAMG News Letter No. 9. All IAMG members residing in the U.S. are eligible to vote, regardless of nationality. Ballots should be returned BEFORE SEPTEMBER 15, 1976 to the Office of the Western Treasurer, 1930 Avenue A Campus West, Lawrence, Kansas 66044.

BALLOT

UNITED STATES REGIONAL ORGANIZATION OFFICERS

VOTE FOR ONE FOR EACH OFFICE: LINES ARE PROVIDED FOR WRITE-IN CANDIDATES.

PRESIDENT C. JOHN MANN, UNIVERSITY OF ILLINOIS

VICE-PRESIDENT JOHN CUBITT, SYRACUSE UNIVERSITY

SECRETARY RICHARD B. McCAMMON, U.S. GEOL. SURVEY

DEADLINE FOR RETURN OF BALLOT: September 15!

RETURN TO:
The Western Treasurer
Int. Assoc. Math. Geol.
c/o Kansas Geol. Survey
1930 Ave. A--Campus West
Lawrence, Kansas 66044

COMPUTER SOFTWARE FOR THE GEOSCIENCES

The 5th Geochautauqua will be held at Syracuse University on October 27 and 28, 1976 under the auspices of the IAMG, COGEODATA, and Syracuse University Geology Department. There will be three sessions dealing with data management systems, statistical analysis programs and packages and graphics software. Speakers include J.C. Griffiths, F. Chayes, D. Marble, G. Martin, K. Jeffery, S. Henley, D. Gill, J. Robinson, J. Cubitt, G. Olsen, and D. Miesch. For further information contact: J. M. Cubitt, Geology Department, Syracuse University, Syracuse, New York 13210.

Walter M. Cox
Tulsa, OK

Ivan Jedlicka
Bratislava
CZECHOSLOVAKIA

George E. Conley
GENCO
Parker, CO

T. Jasko
Geosystems
Harpندن, ENGLAND

Douglas Glass
Cities Service Co.
Tulsa, OK

Martin E. Booth
Murphy Oil Co. Ltd.
Calgary, CANADA

Michel Dagbert
Ecole Polytechnique
Montreal, CANADA

Paul J. Schiller
Atlantic Richfield
Los Angeles, CA

David F. Morehouse
Federal Power Comm.
Washington, D.C.

📖 FLEETBOOKS!

NEW IAMG MEMBERS FOR 1976

P. Vuagnat
Section de Mathématiques
Statistique
SWITZERLAND

Jorn Kruhl
Mineralog.-Pet.Inst.
Bonn, WEST GERMANY

Caner Zanbak
Dept. Geology, Univ.
Illinois, Urbana, IL

David L. Francis
Westinghouse Elec.
Littleton, CO

Anthony E. Cockbain
Geol. Survey W.A.
Perth W.A. AUSTRALIA

Rogelio G. Laraya
Sabena Mining Corp.
Quezon, PHILIPPINES

Larry Wilcox
Denver, CO

Ian Crain
Ottawa, CANADA

H. T. Farrow
Exxon Co., U.S.A.
Houston, TX

Levi C. Amajor
Dept. Geology, Univ.
Alberta, Edmonton,
CANADA

Harald Duchrow
Geolog.-Palaeo.Inst.
Hamburg, WEST GERMANY

Victor A. Mendoza
Lima, PERU

Earl H. Bennett II
Bureau Mines & Geol.
Moscow, ID.



"... and in 1/10,000th of a second, it can compound the programmer's error 87,500 times!"

American Scientist

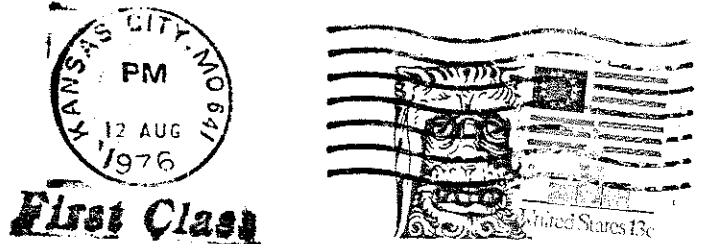
Ne payez pas Fleetbooks!



Betaal "Fleetbooks" niet!

The I.A.M.G. News Letter is made possible by a grant from the Kansas Geological Survey.

I.A.M.G.
KANSAS GEOLOGICAL SURVEY
1930 Avenue "A" Campus West
University of Kansas
Lawrence, Kansas 66044



No. 10

First Class