

Are Tsirk  
425 East 79 Street  
New York, N.Y. 10021

## RESUME

Personal Data: 35 years old, married, U.S. citizen.

### Educational Background:

Degrees: Presently studying for M.A. in anthropology at New York University (completed 24 points thus far).  
Expect to receive M.A. in 1973, and to continue for Ph.D. in anthropology.  
Completed, in civil engineering,  
B.C.E. - 1959, New York University.  
M.C.E. - 1965, New York University.  
Ph.D. - 1967, New York University.

Title of Doctoral Thesis: Elastic Response of Rectangular Plates and Cylindrical Shells to Dynamic Loadings.  
Advisor: Prof. Edward N. Wilson.

Honors: Undergraduate - Dean's Honor List; Chi Epsilon.  
Graduate - Founder's Day Award; Sigma Xi.

### Record of Excavations

<u>Date</u>	<u>Site</u>	<u>Location</u>	<u>Director</u>
Summer of 1968	- Portland Bill Site	Dorset, England	Dr. Susann Palmer
1969	- Culver Well Site	Dorset, England.	Dr. Susann Palmer
1970	- Zipser Field Site	New Jersey	Dr. Bert Salwen
	- West Athens Hill Site	New York	Dr. Robert Funk
	- Shantok Cove Site	Connecticut	Dr. Bert Salwen
1971	- Fortin Site	New York	Dr. Robert Funk
1972	- Old Fort Site	New York	Prof. Howard Winter

### Professional Background in Engineering:

#### Publications:

"Dynamic Behavior of Rectangular Plates and Cylindrical Shells," by E.N. Wilson and A. Tsirk, New York Univ., 1967.

"Elastic Response of Rectangular Plates to Dynamic Loadings," by E.N. Wilson and A. Tsirk, New York Univ., 1967.

#### Conference Paper:

"Elastic Response of Rectangular Plates to Moving Load-Masses," by A. Tsirk and E.N. Wilson, presented at the 12th International Congress of Applied Mechanics, Stanford, August 26-31, 1968.

#### Employment:

Dept. of Civil and Environm. Engrg. Sept. 1969 - Present  
Newark College of Engineering  
Newark, N.J. 07102

Worked as Assoc. Prof. teaching undergraduate courses in strength of materials and structural analysis and design, and graduate courses such as structural dynamics and finite

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element methods in continuum mechanics (a very specialized course in static and dynamic stress analysis).

Paul Weidlinger  
110 East 59 Street  
New York, N.Y. 10022

Oct. 1967 - Sept. 1969  
and

Jan. 1964 - Sept. 1965

Worked as Project Engineer on design of structures, and, later, as Research Engineer in applied mechanics of solids - dealing only with problems of stress wave propagation in solids.

Structural Bureau  
Con Edison Company of New York  
4 Irving Place  
New York, N.Y. 10003

Sept. 1962 - Dec. 1963  
and

June 1959 - Dec. 1960

Designed industrial structures.

U.S. Army Corps of Engineers  
Okinawa Engrg. District  
Okinawa,

Feb. 1961 - Sept. 1962  
(Military Service)

and  
Yuma Test Station  
Yuma, Arizona

Worked under Scientific and Engrg. Personnel Program on materials testing and design of structures.

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