

European Origins

recap. Ahod Ha-am + Rivalite

look at first conference in Vienna + Berlin - their agenda  
more info on Tarbut schools - see Mandelsohn's books + in Eng.  
Brit Brit Olamit > who is this org?

America: Phase One

early issues of תורה ודעה

Talmud Torah an innovation

"אין תורה בלי חינוך"

rel. bet. TT's + Hebrew colleges

interplay bet. lit/cult and education

Sharfstein as figure

Bunderly Boys: Elazar's article - sample curricula - substantiate

claims re zivugatan; place of language

who run the bureau?

instances of conflict - was he split head

Kaplan as mediator? > diaries

Hebrew in the public schools movement - Judah Pilder

Phase Two

Norma Davis interview - find!

Chenin Leaf

Kobachoff

Shulzinger re religion

Creation of Ramah archive Deweyizing: ed. not long.

Role of WWII and state in killing the youth movement

Profeminization

Tarbut Schools - carriers of E. Mendelssohn

Ahad Ha-am on Heb.

Bialik on Heb + culture

- Bendersly Boys

Kaplan

- Touroff on democracy

Hiv + the search for a Heb. environment

Menachem - Ramleh Schulzinger's critique

↳ question of meaning + religion

movements spawned in Europe + US, rep-from gen. Zionist parties - carrier in

US parallel to Europe - copy or different

Ideology: not institutional history or literary hist. but ideas + intellectual claims

Fuzziness at center

Hiv + Avri: culture: Ribalar  
education: Touroff, Feinstein

secular  
emphasis on lit  
was not "Hebraic"  
Hebraic education

Kaplan  
Freidlander

Bendersly Boys: Tahmod Traub

Touroff: religion + democracy

Hebrew Colleges // Tarbut Schools  
copy, plus movement!

Hiv + Men Avri: Davis + widening scope: from lit to arts  
from lit subcult to life

+ continued

NYPL

Journal: Tarbut

Scharfshstein

Ribalar

curricula in S. national schools

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Niedland

Zilhusberg

B. Hebraist Educators (Skarfstein, H.A. Biedland, M. Feinstein, Kolman Whitman, Bulko, Hissin Touroff, Persky) -  
 meaning: inclusive identity; It an ethnic membership card  
 Heb as central, cultural of the verbal & lit. - TT as fundamentally  
 compromise, mission impossible - their true work was the  
 Heb Teacher College, esp. Herzliah - little interest in religious  
 issue - true goal was participation in Heb. culture/lit.

By way of transition, 2 documents from 1920's  
 Touroff: democracy + despair over creation + loss  
 Skarfstein: critique of Hebraist + Proprietor

Miv + Naar Davi as Second Phase: Ideology as Self-Conscious

M. Dancig: widening the scope; from lit to arts  
 Am. born Wolf, Kukaboff, Cohen, Gami, Mandelbaum, Lieff.  
 Here too, conflict bet. narrow + broad  
 Religion in diff. place / sheilat ha'bitah  
 Roundabouts  
 Need for environment → camp Massad & Ramat

Evolving: Heb as substance or <sup>language</sup> medium  
 era of capitulation + beginnings of second thought

arts

- 1) de-emphasis of Lit + emphasis on drama, dance, music
- 2) developing issue of Israel - diaspora - ארץ אלה but  
 halutic ideal
- 3) Relig. ~~is~~ + renewed engagement - as  
 → opening toward world

General: need for environment for Heb as life - natural stage of camp  
 as a heart + acknowledgement of failure + new beginning  
 Heb as cult substance in a substance, despite many strains  
 Issue still w/ us

The first part of the paper discusses the importance of understanding the underlying structure of the data. This is particularly relevant in the context of high-dimensional data, where the number of variables is often much larger than the number of observations. In such cases, the data matrix is typically rank-deficient, and the singular value decomposition (SVD) provides a powerful tool for analyzing the data's structure.

The second part of the paper focuses on the application of SVD to the problem of principal component analysis (PCA). PCA is a widely used technique for dimensionality reduction, and its mathematical foundation is rooted in the SVD. By identifying the principal components, which are the directions of maximum variance in the data, PCA allows us to reduce the dimensionality of the data while retaining most of its information.

The third part of the paper discusses the relationship between SVD and other matrix factorization techniques, such as non-negative matrix factorization (NMF) and tensor factorization. These techniques have found applications in various fields, including image processing, recommendation systems, and natural language processing. Understanding the underlying principles of SVD is essential for developing and analyzing these advanced methods.

In conclusion, this paper highlights the significance of SVD in data analysis and its applications in various fields. By providing a clear and concise overview of the theory and practice of SVD, we hope to have provided a valuable resource for researchers and practitioners alike.



(1)

The first part of the paper is devoted to a study of the
 properties of the function  $f(x)$  defined by the
 equation  $f(x) = x + f(x^2)$ . It is shown that
  $f(x)$  is a constant function for  $x > 1$  and
 that  $f(x) = 0$  for  $x = 1$ . For  $x < 1$ ,
 the function  $f(x)$  is not constant and its
 behavior is more complicated. It is shown that
  $f(x)$  is a decreasing function for  $x < 1$ 
 and that it has a minimum at  $x = 1/2$ . The
 value of this minimum is  $f(1/2) = 1/2$ .

The second part of the paper is devoted to a study of
 the properties of the function  $g(x)$  defined by
 the equation  $g(x) = x + g(x^2)$ . It is shown
 that  $g(x)$  is a constant function for  $x > 1$ 
 and that  $g(x) = 0$  for  $x = 1$ . For  $x < 1$ ,
 the function  $g(x)$  is not constant and its
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The third part of the paper is devoted to a study of
 the properties of the function  $h(x)$  defined by
 the equation  $h(x) = x + h(x^2)$ . It is shown
 that  $h(x)$  is a constant function for  $x > 1$ 
 and that  $h(x) = 0$  for  $x = 1$ . For  $x < 1$ ,
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 value of this minimum is  $h(1/2) = 1/2$ .

Koplow in 1940

Issue: Hebrew - understood by world issues

Role of EY as central or clapside  
(Influence of Travidomirz)

Respect for relig - secure place but...

Movement toward summer camp

read Shulzinger + leaf

↳ Ramah program  
w/o Hebrew

The charisma of Hds. + the insubstantiality of language  
as program

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