



David Eifler is your librarian. You can email him at: deifler@berkeley.edu -- he'll respond within 24 hours. You can also schedule face-to-face appointments with him at calendly.com/deifler.

These resources support your Architecture 170 assignments by linking to scholarly material resources. It also includes basic information about accessing Library resources from off campus.

I recommend using the **proxy server** to access resources from off campus. You should install the [EZProxy bookmarklet](#) by dragging the "EZProxy icon" to your browser toolbar and clicking on it before attempting to access proprietary (UCB-paid) articles. If you'd like more information about access from off campus, please see <https://www.lib.berkeley.edu/using-the-libraries/connect-off-campus>. During the this period you might want to check [Library Services and Resources during COVID-19](#).

KEY RESOURCES: You may want to bookmark the best place to find scholarly material for this class:

- [JSTOR](#) (articles)
- [Art and Architecture Source](#) (articles)
- [HathiTrust](#) (books)

JSTOR has many articles related to architecture, and the full text articles are in the database. JSTOR searches every word in the article, so you can construct more "narrow" searches (use more keywords)

The screenshot shows the JSTOR search results page for the query "squinch". The page displays three search results, each with a checkbox, a title, author information, publication details, and a list of topics. Each result also includes buttons for "Download PDF", "Save", and "Cite this Item".

Refine Results

Search Within Results:

Academic Content:

- Journals (360)
- Book Chapters (62)

Primary Source Content:

- Serials (2)

Publication Date:

From To
(yyyy or yyyy/mm or yyyy/mm/dd)

Subject:

- African American Studies (7)
- African Studies (5)
- American Studies (13)
- Anthropology (12)
- Archaeology (91)
- Architecture & Architectural History (37)

Showing 1-25 of 424 search results

Sort by: Relevance Show snippets

Export Selected Citations

JOURNAL ARTICLE
[THE TRANSITIONAL ZONES OF DOMES IN CAIRENE ARCHITECTURE](#)
LAILA 'ALĪ IBRĀHĪM
Kunst des Orients, Vol. 10, H. 1/2 (1975), pp. 5-23
Topics: [Minarets](#), [Mausoleums](#), [Mosques](#), [Stalactites](#), [Bricks](#), [Molding](#), [Interior design](#), [Porches](#), [Structural domes](#)

JOURNAL ARTICLE
[The Evolution of the Shouldered Arch in Medieval Islamic Architecture](#)
Camilla Edwards, David Edwards
Architectural History, Vol. 42 (1999), pp. 68-95
Topics: [Islamic architecture](#), [Stalactites](#), [Mosques](#), [Transition zones](#), [Facades](#), [Mausoleums](#), [Windows](#), [Bricks](#)

JOURNAL ARTICLE
[Saljūq Dome Chambers in North-West Iran](#)
Robert Hillenbrand
Iran, Vol. 14 (1976), pp. 93-102
Topics: [Mosques](#), [Islamic architecture](#), [Bricks](#), [Stucco](#), [Islam](#), [Excavations](#), [Monuments](#)

[Art & Architecture Source](#) is another place to explore thematic concepts and specific resources:

The screenshot shows the EBSCOhost Art & Architecture Source search interface. The search bar contains the query "squinch OR muqarna". The results page displays two articles:

- 1. PARAMETRIC APPROACH FOR GENERATING NEW MUQARNAS.**
By: Zeld, Sherif, Maarouf, Ibrahim. *Journal of Islamic Architecture*. Jun2019, Vol. 5 Issue 3, p111-118, 8p; DOI: 10.18860/jia.v4i1.3466
Subjects: Islamic architecture; Architectural details; Design software; Freedom of expression; Grasshoppers
- 2. Reconnoitring computational potentials of the vault-like forms: Thinking aloud on muqarnas tectonics.**
By: Alaçam, Sema; Güzelci, Orkan Zeynep; Gürer, Ethem; Bacinoğlu, Saadet Zeynep. *International Journal of Architectural Computing*. Dec2017, Vol. 15 Issue 4, p285-303, 19p; DOI: 10.1177/1478077117735019
Subjects: Islamic architecture; Religious architecture; Islam & architecture; Islamic art & symbolism; Architectural design

The interface includes a "Refine Results" sidebar on the left with options for "Boolean/Phrase", "Expanders", and "Limit To".

[HathiTrust](#) is a database of digitized books. Click on “Log In”, select “University of California Berkeley” and use your CalNet ID to enter. If the book is no longer copyrighted or we hold a copy in print, you’ll be able to gain temporary access. (A video about using HathiTrust is [here](#)).

The screenshot shows the HathiTrust digital book viewer interface. The main area displays a grid of book pages with various architectural images and text. The left sidebar contains metadata for the book "A history of architecture: settings and rituals / Spiro Kostof, ... Kostof, Spiro." and options for "Text Only Views" and "Add to Collection". The top navigation bar includes "Home", "About", "My Collections", "Collections", "Help", "Feedback", "Search HathiTrust", "Member", and "Log out".

ADDITIONAL RESOURCES: You may find material in these additional resources as well

- [OskiCat](#) for online books
- [Oxford Art Online](#) for encyclopedic articles
- [Artstor](#) for high resolution images

[OskiCat](#) has many online volumes (you'll use your CalNet ID to login). Find them by selecting "available online" in the box to the far right of the Keyword search box.

The screenshot shows the OskiCat UCB Library Catalog search results page. At the top, there are navigation buttons for "Quick Search", "Advanced Keyword Search", "Find Articles", "Course Reserves", "Renew Items", and "Questions?". Below these are buttons for "START OVER", "MODIFY SEARCH", and "ANOTHER SEARCH", along with a "(Search History)" dropdown. The search criteria are displayed as "Keyword(s) encyclop* architect*" and "Available Online". A checkbox for "Limit to items not checked out" is present. The results are sorted by "relevance" and show "170 results found". Navigation options include "Result Page" 1, 2, 3, 4, and "Next". There are buttons for "SAVE SELECTED RECORDS", "SAVE ALL", and "SAVE TO MY LISTS". The results list includes:

- 1 [The Grove encyclopedia of medieval art and architecture / editor in chief, Colum P. Hourihane.](#)
New York : Oxford University Press, [2012]
- 2 [The Grove encyclopedia of Islamic art and architecture. \[electronic resource\] / edited by Jonathan M. Bloom and Sheila S. Blair.](#)
Oxford : Oxford University Press, 2009.
- 3 [The Grove encyclopedia of classical art & architecture. \[electronic resource\] / edited by Gordon Campbell.](#)
Oxford ; New York : Oxford University Press, 2007.
- 4 [Encyclopedia of architecture \[electronic resource\] : a dictionary of the science and practice of architecture, building, carpentry, etc., from the earliest ages to the present time, forming a comprehensive work of reference for the use of architects, builders, carpenters, masons, engineers, students, professional men, and amateurs / by Peter Nicholson ; edited by Edward Lomax and Thomas Gunyon ; illustrated with two hundred and thirty engravings on steel, mostly from working drawings in detail.](#)

On the right side, there is an "ALSO LOOK IN" section with logos for "UC LIBRARIES AND BEYOND", "HATHI TRUST", "STANFORD", "Center for Research Libraries", and "Google books".

[Oxford Art Online](#) - has short encyclopedic articles that **you can cite** and that point to other useful resources.

The screenshot shows the Oxford Art Online search results page for the term "squinch". The page header includes "Oxford Art Online" and "GROVE ART ONLINE | BENEFIT DICTIONARY OF ARTISTS". The search criteria are "Field Medium Era Region Place Type Occupation" and "squinch". The results are sorted by "Relevance" and show "1-18 of 18 results for: squinch". The search results include:

- Squinch**
Published online: 2003
Collection: Grove Art Online
Squinch Arch built diagonally across the corner of a square building to support a polygonal or round superstructure, such as a spire or dome.
- Dome chamber squinch**
In Squinches in Islamic architecture
Collection: Grove Art Online
Dome chamber **squinch** **Squinch** in the dome chamber of the congregational mosque, Gulpayagan, Iran, 1105-18; photo credit: Sheila S. Blair and Jonathan M. Bloom
- Squinches in Islamic architecture**
Margaret Graves
Published online: 02 July 2009
Collection: Grove Art Online
14th, where great innovations in **squinch** construction were made, typically comprised four blind arches alternating with four squinches. In many cases the zone of transition was a major focus of internal decoration, as in the Samanid mausoleum at Bukhara (see Bukhara, 92, (i) and Tim (977-8)). In the Bukhara tomb, the **squinch** areas are subdivided into two parallel arches buttressed by a half arch to create two concave segments per **squinch** corner, while the trilobed **squinch** makes its first dated

The left sidebar contains filters for "Modify your search" (All, squinch), "Format" (Article (17), Image (1)), "Type" (Biographical Article (2), Family Article (1), Place Article (4), Subject Reference (10)), and "Place Type" (Building/Structure (1), City (3)).

[ARTstor](#) has high resolution art and architecture images and contains a limited number of architectural plans and elevations. You'll need to create a personal account to save images.

The screenshot shows the ARTstor website interface. At the top, it says "ARTSTOR" and "Access provided by University of California, Berkeley". Below that, there are navigation links: Home, Browse, Organize, Share, Support. A search bar contains the text "squinch" and a search icon. To the right of the search bar, it says "Search within results". Below the search bar, there are options for "Advanced Search" and "Sort: Relevance". The results are displayed in a grid format, showing various architectural images and their captions. The captions include: "Daphni Monastery, I... late 11th - early 12...", "Hosios Loukas, Bapt... early 11th C", "Hosios Loukas, Nat... early 11th C", "Parma, Cathedral: A... Correggio 1526-30", "Element from a Stal... 10th century", "Element from a Stal... 10th century", "Element from a Stal... 10th century", "Element from a Stal... 10th century", "Tile from a Squinch second half 14th ce...", "Cave 146, Main Cha... Ca. 920 (Five Dynas...", "Cave 146, Main Cha... Ca. 920 (Five Dynas...", "Cave 146, Main Cha... Ca. 920 (Five Dynas...", "Cave 146, Main Cha... Ca. 920 (Five Dynas...", "Squinch XIII Peter Barrett 2000", "Rupamati Pavilions: ... circa mid 15th to mi...", "Darya Khan Tomb: ... late 15th to early 16...", "Darya Khan Tomb: ... late 15th to early 16...".

EXTRAS not directly related to this assignment.

If you'd like to review what a **“scholarly”** or **“peer reviewed”** article is please watch this [3 minute video](#).

I highly recommend installing and using the citation management tool, **Zotero**. You can download this open-source program at <https://www.zotero.org/>, find a [Zotero research guide](#) and [sign up for a class](#).

Spiro Kostof was a very famous Berkeley lecturer who taught this class (Architecture 170) in the 1980's. You can find his lectures (good audio, poor video) at [“An Historical Survey of Architecture and Urbanism” 26 course lectures given in 1991 at the University of California, Berkeley](#).

Again, if you have questions related to library resources, please contact our librarian, David Eifler, at deifler@berkeley.edu.