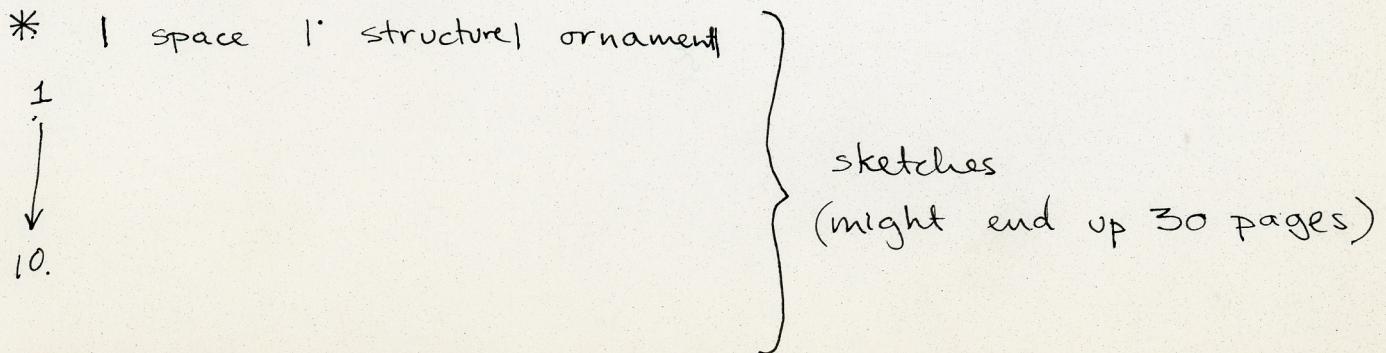


Bob	841-2764
Dave	845-3586
John	841-1149
Barbara	549-1513
	933-2497
Ben	982-7541
Kamran	848-1178
Dragoslav	845-5321
Chris	841-6166

TASKS WHICH WILL BE COMING UP IN THE NEXT FEW WEEKS.

1. Define process for making a good rug, in the form of a set of instructions. Give these instructions to ~~one~~ other people [redacted] in the class, and see what they generate.
2. ~~Define~~ Write exact description of the "properties" ~~an~~ a good ornament must have, with precise definition of each one.  
"Everything is an entity at every scale" - Chris
3. Try the prayer rug ~~exer~~ exercise again, but with specific religious intent, to see the difference.
4. Do correlation of the properties you define under #2, with patterns in the pattern language, to see which patterns embody these properties.
- 4a. What does each of the properties mean at each scale of building.\*
5. Write a modified version of #1 in the form of a sketch process for a building - a small contemplative place - ~~with~~ recognising that the process has three phases:
  1. Definition of space
  2. Creation of structure
  3. Creation of ornament and color.



BIBLIOGRAPHY ON PERCEPTION OF WHOLES

Kurt Koffka, Principles of Gestalt Psychology, London 1935.

Tau shows  
Hollism

Max Wertheimer, Principles of Perceptual Organisation,

in David Beardslee and Michael Wertheimer, eds, Readings in Perception,  
New York 1958, pp.115-135.

BF311      E.D.  
B36  
George A Miller, ~~Limits~~ The Magical number seven: some limits  
on our capacity for processing information, in above Beardslee and  
Wertheimer, pp.90-114.

Wolfgang Köhler, Gestalt psychology, New York 1929, also paperback.

Rudolf Arnheim, Art and Visual Perception, Berkeley 1960.

Leonard Uhr, ~~Pattern~~ Pattern recognition, New York, Wiley, 1966.

Weiant Wathen-Dunn, ed, Models for the perception of speech and  
visual form, MIT 1967.

\* Christopher Alexander and Susan Carey, Subsymmetries, Perception and Psychophysics,  
1968 Vol 4(2), pp.73-77.  
Vol 4, no.2

Christopher Alexander and A.W.F.Huggins, On changing the way people see,  
Perceptual motor skills, 1964 vol 19, pp235-253.

Fred Attneave, Symmetry, information and memory for patterns,  
Amer.J.Psychol., 1955, 68, pp.209-222.

Other Parks and Wholes (or We D)  
Oscar Lange, Parts and Wholes (or Wholes)

## BIBLIOGRAPHY ON RULES OF ORNAMENT

Alexander et al, "Ornament", ~~xix~~ pattern #249 in A Pattern Language,  
Oxford University Press, 1976.

ወንቻዎች እና የወንቻዎች በአዲስ አበባ ነው እና የወንቻዎች በአዲስ አበባ ነው

E.DAndrews and Faith Andrews, Shaker Furniture, Yale UP 1937, also Dover.

BASIC RULE: AS IF GOING TO LIVE 1000 YRS. AND

AS IF DIE TOMORROW

Paul Klee, The Thinking Eye, London, Lund Humphries, 1961  
BORING, BUT INTERESTING

Clarence P. Hornung,  
Hornung's handbook of Designs and Devices, Dover, 1932

Rudolf Koch, The book of signs, Dover 1955

C.K.Ogden, *Opposition*, London 1932, paperback 1967

American Face Brick Association, Brickwork in Italy, Chicago 1925.

F.J.Christopher. *Basketry*, Dover 1952

C.G.Jung, A study in the process of individuation, in C.G.Jung,

The Archetypes and the Collective Unconscious, Princeton,

(Bollingen Series) 1968, pp.290-354

Bhāskarabhāskarīnam

Bruno Munari. Il Quadrato and Il Cerchio, Milan, 1960 and 1964 respective.

## BIBLIOGRAPHY ON COLOR

BP175 Not on shelf

Jili, (Abd al-Karim al-Gili),

M9N52 ~~Al-~~Al-insan al-kamil, "The perfect man", discusses

Doe various levels of revelation of the divine, and one of these  
(I think the highest but not sure) is the plane of color vision.

See Reynold A Nicholson, Studies in Islamic mysticism, 1921,  
reprint Cambridge 1967, chapter 2.

Adrian Stokes, Psychoanalysis of color (or some such name).

Joseph Albers, Interaction of Color, Yale University Press,

Edwin Land, Color Vision and the natural image, parts I and II,  
Proc.Nat.Acad.Sci., 45 (1951) pp 115-129 and 636-644.

Edwin Land, Experiments in Color Vision, Scientific American,

200 (5) (1959) pp 84097. conclusions discredited, but still  
one of best descriptions  
of color interactions

D.B.Judd, Appraisal of Lands work on two-primary color projections,  
J.Opt.Soc.Amer., 50 (1960) pp.254-267.

BIBLIOGRAPHY ON SYMMETRY

Bibliography



Hermann Weyl, Symmetry, Princeton, 1950 appealing; limited examples

L. Fejes Toth, Regular Figures, New York, 1964

Introduction to geometry, H.S.M.Coxeter, M New York 1961

A.V.Shubnikov, N.V.Belov and others, Colored symmetry, Pergamon 1964

Frierich Bachmann, Aufbau der Geometrie ~~xx~~ aus dem Spiegelungsbegriff,  
Berlin, ~~Spanien~~ Springer Verlag, 1959.

Paul Yale, Geometry and symmetry, ~~xx~~ San Francisco 1968

Andreas Speiser, Theorie der Gruppen von endlicher Ordnung, Berlin 1958.  
*Examples*

Issam El-Said and Ayse Parman, Geometric Concepts in Islamic Art,  
London, World of Islam Festival Publishing Co., 1976.

*Examples*

BIBLIOGRAPHY ON STRUCTURE OF SPACE

Peter Stevens, Patterns in ~~Nature~~ Nature, Boston 1974  
elementary, but interesting

D'Arcy Wentworth Thompson, Growth and Form,..Cambridge 1942

John A Wheeler, Geometrodynamics, in Cecile DeWitt ~~Messiaen~~ and John Wheeler  
eds, 1967 Lectures in Mathematics and Physics, Battelle Rencontres,  
New York (W.A.Benjamin) 1968.

JohnA Wheeler, "Our Universe, The Known and the Unknown". American  
Scientist 56, no 1 (1968) pp 1-20.

→ David Bohm, "Some remarks on the notion of order" and "Further  
~~QH301~~ remarks on order", and Marjorie Grene "Bohm's metaphysics and biology",  
~~T634~~ all in C.H.Waddington, ed., Towards a Theoretical ~~Biology~~ Biology,  
~~Biol~~ Volume 2, Sketches, Edinburgh and Chicago, 1969, pp.18-69.  
impt

L.A.Lyusternik, Shortest paths, Pergamon 1964

L.I.Whyte, A.G.Wilson, and Donna Wilson, Hierarchical Structures,  
~~inherent determinism~~  
New York, Elsevier, 1969.

Cyril Smith, Structure, Substructure, Superstructure, in Gyorgy Kepes,  
ed, Structure in Art and SCience, New York 1965, pp.29-41.

BIBLIOGRAPHY ON RELIGION, AND THE ONE

Hubert Benoit, The Supreme Doctrine, Viking Press, New York, 1959.

Aldous Huxley, The Perennial Philosophy, London 1946 and paperback.

Lao Tse, Tao Te Ching, Penguin translation,

Annemarie Schimmel, Mystical dimensions of Islam, Chapel Hill, 1975.

Ibn al-Farid, The poem of the way, translated by A.J.Arberry, London 1952.  
~~Khamārah fī al-ṣabiq~~

Erwin Schrodinger, Mind and Matter, ~~Cambridge~~ Cambridge 1959, chapters 4, ~~and onwards~~

Formulate the principles  
that govern the form of  
an object in which the  
One appears.

BIBLIOGRAPHY ON RELATION BETWEEN ART AND THE ONE

*books written mostly of*

Alexander, The Timeless Way of Building, Oxford 1977?

says  
Soetsu Yanagi, The Unknown Craftsman, Tokyo, Kodansha International, 1972

The sense of unity, Nader and Ardalan, (very poor),

D.H.Lawrence, The Rainbow, chapter called "The Cathedral", penguin books.

Ananda Coomaraswamy, Christian and Oriental Philosophy of Art, paperback.

Ananda Coomaraswamy, The Dance of Shiva, paperback.

pictures  
Ajit Mookerjee, Tantra Art, New Delhi, Kumar Gallery, 1966.

The Secret of the Golden Flower, transl by Richard Wilhelm, Harvest 1962.

Russian Church at Fort Ross, ~~Peterson~~  
Mission Dolores

BIBLIOGRAPHY ON GREAT BUILDINGS AS EXAMPLES

MENMBENBOMGRENEMBENEMM

LOOK AT MOST  
PLANS AND SECTIONS

} What is the difference  
between plans of  
contemporary buildings  
and of old buildings

★ Paul Sebag, The Great Mosque of Kairouan, New York (Macmillan) 1965.  
(NA 6089, K25 S4, E.D.)

Desmond Stewart, The Alhambra, ~~Newman~~ New York, \* Newsweek, 1974.  
not so hot

Roar Hauglid, ~~New~~ Norwegian Stave ~~Churches~~ Churches, Oslo (Dreyers Forlag)  
hard to get hold of 1970.

Joseph Strzygowski, The Origin of Christian Church Art, Oxford 1923  
Stave Church → Armenia

Erwin Panofsky, Gothic Architecture and Scholasticism, New York, Meridian  
1957

Ruskin, <sup>Sohn</sup> ~~Architects~~, very good  
The Stones of Venice, Seven Lamps of Architecture

★ Kenzo Tange and Noboru Kawazoe, Ise: prototype of Japanese architecture,  
MIT press, 1965. NA 6057 I8A8 (Locked case)

NA 6050 T33

Roderick Cameron, Shadows from India, London (Heinemann) 1958

Rudolf Wittkower, Architectural Principles in the age of humanism,  
London, ~~Tiranti~~ 1952.

★ (On the tea house), Okakura Kakuzo, The book of tea, New York, 1906

FIND BOOK OF EXAMPLES

R.D. Martienssen, The idea of space in Greek architecture, Johannesburg,  
1956

Luhberg  
Lundberg

~~Sketches~~

§

BIBLIOGRAPHY ON ISLAMIC CARPETS AND RUGS

MOSTLY PICTURES.

Joseph McMullan, Islamic Carpets, New York 1965

M.S.Dimand, Oriental Rugs in the Metropolitan Museum of Art,  
New York, 1973.

Textile Museum, Washington D.C., ~~Rug~~ Prayer Rugs,

Schuyler V.R.Cammann, Symbolic meanings in Oriental Rug patterns,  
parts 1,2,3, Textile Museum Journal, December 1972, pp.5-54.  
*discussion*

Ulrich Schurmann, Central Asian Rugs, Frankfurt, 1969.

Ulrich Schurmann, Caucasian Rugs, Munich, 1965?

Ballard Collection of Oriental Rugs,  
James F.Ballard, ~~St Louis Art Museum~~ St Louis Art Museum, 1924.

Textile Museum, Turkish Rugs, ed. Ralph Yohe and H.McCoy Jones,  
Washington D.C., 1968

Kurt Erdmann, Seven hundred years of oriental carpets, Berkeley ~~1970~~ 1970.

BIBLIOGRAPHY ON ISLAMIC ARCHITECTURE AND ART

BUY

Arthur Upham Pope, Persian Architecture, Tehran 1969, part  
of Library of introductions to Persian art.  
pale blue dome

Arthur Upham Pope, Persian Architecture: the triumph of form and color,  
New York, Braziller, 1965.

Arthur Upham Pope, A survey of Persian Art, Oxford University Press, 1964-

Debtmondbibewant  
mmanbmmmonkashintheahambmabmNewbMabknbNewbckbbobksbmbBma

Titus Burckhardt, Art of Islam, Language and meaning, London,  
World of Islam Festival Trust, 1976.

Titus Burckhardt, Sacred Art in East and West,..

Titus Burckhardt, Art of Moorish Spain... (title slightly wrong) ..

A B M D S M B N B M A S M E B Y N B C B M N B I N B M N B O N B M N B I N B M O S M O B Y N B M N A M B M P S M B M K M

A B M E S A N B M B A R A B M M Y B M T h e n D a n k l e n B M N S h i e l a n B M N p a p e r m o B M K M

## LIBRARY HOURS

Fall 1976

27 September - 11 December

Circulation Department  
Humanities Grad Service

Mon-Thu	9 AM - 5 PM
	7 PM - 10 PM
Fri-Sat	9 AM - 5 PM
Sun	1 PM - 5 PM

Documents Department	Mon-Thu	8 AM - 10 PM
Newspaper & Microcopy	Fri	8 AM - 5 PM
Periodical Room	Sat	9 AM - 5 PM
	Sun	1 PM - 10 PM
Mon-Thu	9 AM - 10 PM	
Fri-Sat	9 AM - 5 PM	
Sun	1 PM - 5 PM	

General Reference Service  
Circulation Stack Portal

Mon-Thu	8 AM - 10 PM
Fri	8 AM - 5 PM
Sat	9 AM - 5 PM
Sun	1 PM - 10 PM

## MOFFITT UNDERGRADUATE LIBRARY

Mon-Thu	8 AM - 12 Mid
Fri	8 AM - 6 PM
(Study Hall	6 PM - 10 PM)
Sat	10 AM - 6 PM
Sun	10 AM - 12 Mid

Study Hall begins 3rd week  
of the quarter, Sunday thru  
Thursday, from 12 Midnight  
until 2 AM

Following is a list of General Library service units, as well as three non-General library units. This is not a complete list of all libraries on campus. For information on other libraries, please consult the General Reference Service.

AGRICULTURE LIBRARY  
40 Giannini 642-4493  
(Use West entrance nights  
and weekends)

ANTHROPOLOGY LIBRARY  
230 Kroeber 642-2400

ART-HISTORY/CLASSICS  
GRADUATE SERVICE  
308 Library 642-7361

ASTRONOMY-MATH-STAT  
100 Evans 642-3381

BANCROFT LIBRARY  
East Entrance to Library Annex  
Bancroft and Rare  
Books Collection 642-6481  
642-3781

BIOCHEMISTRY LIBRARY  
420 Biochemistry 642-5112

LIBRARY  
LSB 642-2531

CHEMISTRY LIBRARY  
100 Hildebrand 642-3753

Mon-Thu 9 AM - 5 PM  
7 PM - 9 PM  
Fri 9 AM - 5 PM  
Sat-Sun 1 PM - 5 PM

Mon-Thu 9 AM - 8 PM  
Fri 9 AM - 5 PM  
Sat-Sun 1 PM - 5 PM

Mon-Thu 9 AM - 10 PM  
Fri-Sat 9 AM - 5 PM  
Sun 1 PM - 5 PM

Mon-Thu 9 AM - 7 PM  
Fri 9 AM - 5 PM  
Sat 9 AM - 5 PM

Mon-Fri 9 AM - 5 PM  
Sat 1 PM - 5 PM

Mon-Fri 1 PM - 5 PM

Mon-Thu 8 AM - 9 PM  
8 AM - 5 PM  
Sat-Sun 1 PM - 5 PM

Mon-Thu 9 AM - 5 PM  
7 PM - 9 PM  
Fri 9 AM - 5 PM  
Sat-Sun 1 PM - 5 PM

## CIRCULATION DEPARTMENT

Circulation Desk  
Loan Hall, Library  
SERVICE DESK 642-3403  
RENEWALS 642-3405

## STACK PORTAL

Mon-Thu 9 AM - 5 PM  
7 PM - 10 PM  
Fri 9 AM - 5 PM  
Sat 9 AM - 5 PM  
Sun 1 PM - 5 PM

Mon-Thu 8 AM - 10 PM  
Fri 8 AM - 5 PM  
Sat 9 AM - 5 PM  
Sun 1 PM - 10 PM

## DOCUMENTS DEPARTMENT

350 Library 642-2568

Mon-Thu 9 AM - 10 PM  
Fri-Sat 9 AM - 5 PM  
Sun 1 PM - 5 PM

EARTH SCIENCES LIBRARY  
230 Earth Sciences 642-2997

Mon-Fri 9 AM - 5 PM  
Sat-Sun 1 PM - 5 PM

## EAST ASIATIC LIBRARY

208 Durant 642-2556

Mon-Fri 8 AM - 5 PM  
Sat 9 AM - 5 PM

EAL ANNEX  
Tier 6 LSB 642-3083

Mon-Fri 1 PM - 5 PM

EDUCATION/PSYCHOLOGY LIBRARY  
2600 Tolman 642-4208

Mon-Thu 9AM - 9PM

Fri 9 AM - 5 PM  
Sat 1 PM - 5 PM  
Sun 1 PM - 5 PM

ENGINEERING LIBRARY 410 O'Brien	642-3339	Mon-Thu Fri Sat	9 AM - 7 PM 9 AM - 5 PM 1 PM - 5 PM	NEWSPAPER AND MICROCOPY ROOM 444 Library	642-3536	Mon-Thu Fri-Sat Sun	9 AM -10 PM 9 AM - 5 PM 1 PM - 5 PM
ENTOMOLOGY LIBRARY 210 Wellman	642-2030	Mon-Fri Sat	9 AM - 5 PM 1 PM - 5 PM	OPTOMETRY LIBRARY 215 Optometry	642-1020	Mon-Tu-Th Wed Fri	10AM - 5 PM 9 AM - 6 PM 12AM - 5 PM
ENVIRONMENTAL DESIGN LIBRARY 210 Wurster	642-4818	Mon-Thu Fri Sat-Sun	9 AM - 5 PM 7 PM -10 PM 9 AM - 5 PM 1 PM - 5 PM	PERIODICAL ROOM 133 Library	642-2975	Mon-Thu Fri-Sat Sun	9 AM -10 PM 9 AM - 5 PM 1 PM - 5 PM
FOREST PRODUCTS LAB. LIBRARY Bldg. 478 Richmond Field Sta. Ext. 142-456		Mon-Fri	8 AM - Noon 1 PM - 5 PM	PHYSICS LIBRARY 351 Le Conte	642-3122	Mon-Fri Mon - Wed Tue - Thu Sat-Sun	8 AM - 5 PM 7 PM - 9 PM 7 PM -11 PM 1 PM - 5 PM
FORESTRY LIBRARY 260 Mulford	642-2936	Mon-Thu Fri Sat	8:30AM-5 PM 8:30AM-5 PM 1 PM - 5 PM	PUBLIC HEALTH LIBRARY 42 Warren	642-2511	Mon-Thu Fri Sat	8 AM - 9 PM 8 AM - 5 PM 9 AM - 5 PM
<b>GENERAL REFERENCE SERVICE</b>							
General Reference Service Reference Room, Library 642-2374		Mon-Thu Fri Sat Sun	8 AM -10 PM 8 AM - 5 PM 9 AM - 5 PM 1 PM -10 PM 1 PM - 5 PM	RAPID COPYING SERVICE 145 Library	642-5077	Mon-Fri	8 AM - 5 PM
Reference Service				REPROGRAPHICS SERVICE 20 Library	642-3885	Mon-Fri	9 AM - 5 PM
Catalog Information Desk 642-2374		Mon-Fri Sat	10AM - 5 PM 1 PM - 5 PM	SOCIAL WELFARE LIBRARY 216 Haviland	642-4432	Mon-Thu Fri Sat	8 AM - 7 PM 8 AM - 5 PM 9 AM - 5 PM
GRADUATE SOCIAL SCIENCE LIBRARY 30 Stephens	642-0370	Mon-Thu Fri Sat Sun	9 AM - 9 PM 9 AM - 5 PM Noon - 5 PM 1 PM - 5 PM	SOUTH/SOUTHEAST ASIA LIBRARY SERVICE 438 Library	642-3095	Mon-Fri Sat Sun	9 AM - 12 PM 10AM -12 PM 1 PM - 5 PM 1 PM - 5 PM
HUMANITIES GRADUATE SERVICE 150 Library	642-4481	Mon-Thu Fri-Sat Sun	9 AM - 5 PM 7 PM -10 PM 9 AM - 5 PM 1 PM - 5 PM	UNIVERSITY ARCHIVES The Bancroft Library	642-2933	Mon-Fri	9 AM - 5 PM
INTERLIBRARY LOAN DEPARTMENT 307 Library	642-7365	Mon-Fri	Noon - 4 PM	INSTITUTE OF GOVERNMENTAL STUDIES LIBRARY 109 Moses	642-5699 642-6722	Mon-Thu Fri Sat	8 AM - 9 PM 8 AM - 5 PM 10AM - 5 PM
LIBRARY SCHOOL LIBRARY 2 South Hall	642-2253	Mon-Thu Fri Sat Sun	8 AM - 6 PM 8 AM - 5 PM 9 AM - 5 PM 1 PM - 5 PM	INSTITUTE OF INTERNATIONAL STUDIES LIBRARY 340 Stephens	642-3633	Mon-Thu Fri Sat	8 AM - 9 PM 8 AM - 5 PM 1 PM - 5 PM
MAP ROOM 137 Library	642-4940	Mon-Fri	10AM - 5 PM	LAW LIBRARY 2nd Floor, Boalt	642-4044	Mon-Fri Sat Sun	8 AM -12 Mid 8:30AM-5 PM 10AM -12 Mid
MOFFITT UNDERGRADUATE LIBRARY Moffitt Library Renewals	642-5070 642-2452	Mon-Thu Fri (StudyHall) Sat Sun	8 AM -12 Mid 8 AM - 6 PM 6 PM -10 PM 10AM - 6 PM 10AM -12 Mid				
MORRISON LIBRARY 101 Library	642-3671	Mon-Fri	Noon - 5 PM				
MUSIC LIBRARY 240 Morrison	642-2623	Mon-Thu Fri-Sat Sun	9 AM - 9 PM 9 AM - 5 PM 1 PM - 5 PM				
ADM 78D 2.0 (corrected 10/1/76)							



#### SPECIAL SCHEDULES

Thursday and Friday, November 25 and 26 are academic and administrative holidays. The schedules of various library units will vary on these days; please phone the unit you wish to visit for its particular hours.