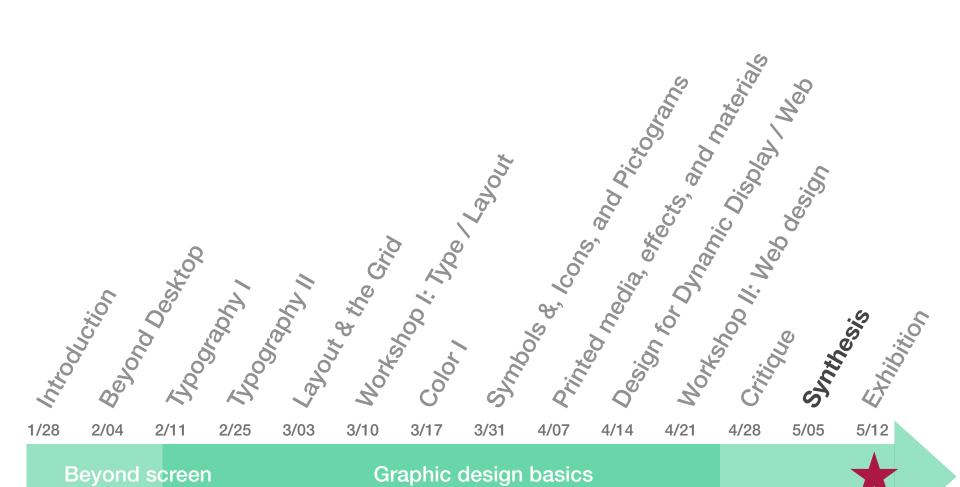
Interface Aesthetics Week 14 Synthesis

Outline

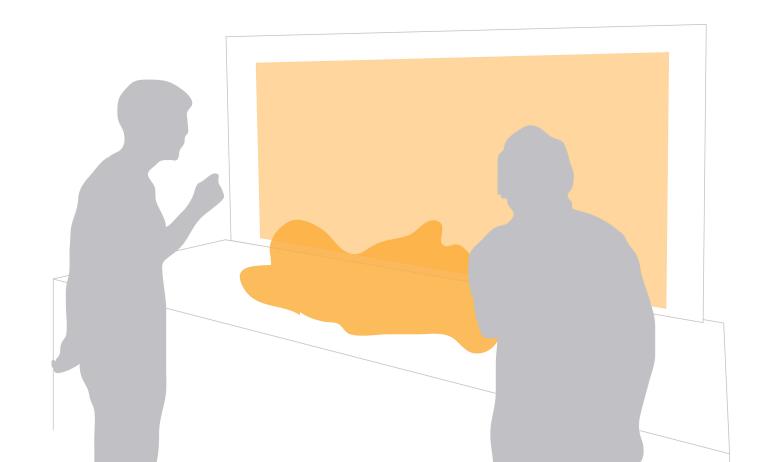
- 1. Final project
- 2. Beyond desktop
- 3. Power of design
- 4. Course evaluation

Course Schedule



Course exhibition

- 1. Artifact
- 2. Print media

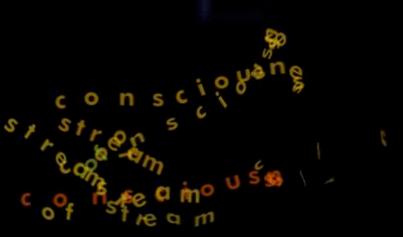


INTERFACE AESTHETICS

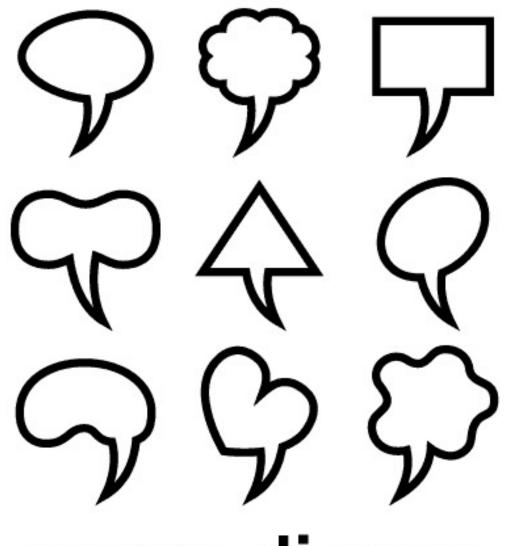
Office hours
Wednesday: 1-2pm (314 South Hall)
Thursday: 2-4pm (BID, 360HMM)
Friday: 2-4pm (BID, 360HMM)

Beyond desktop

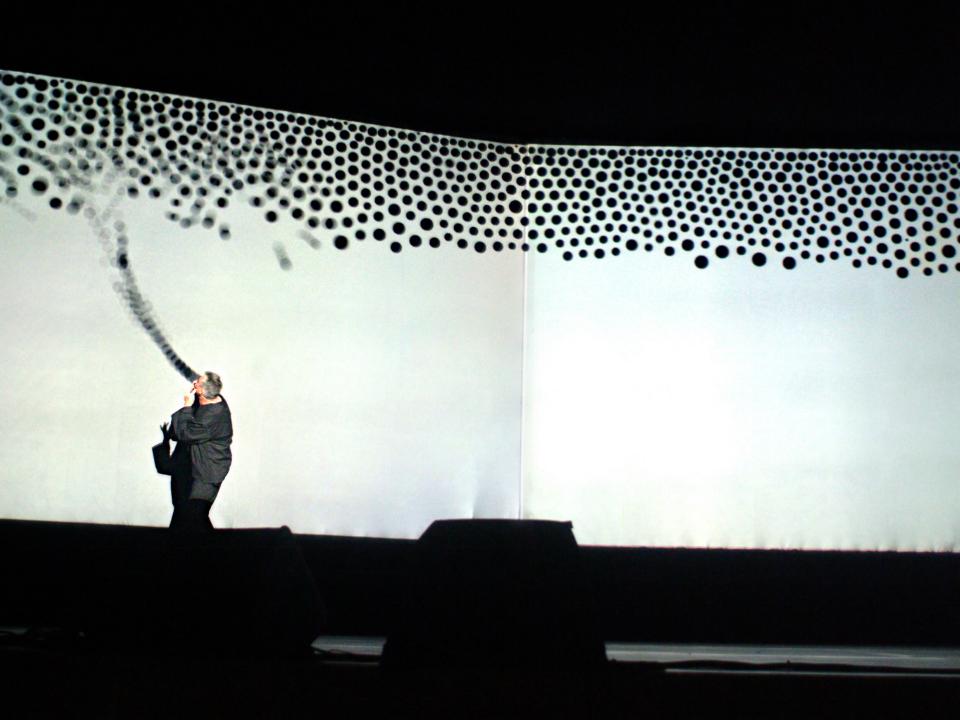








messa di voce













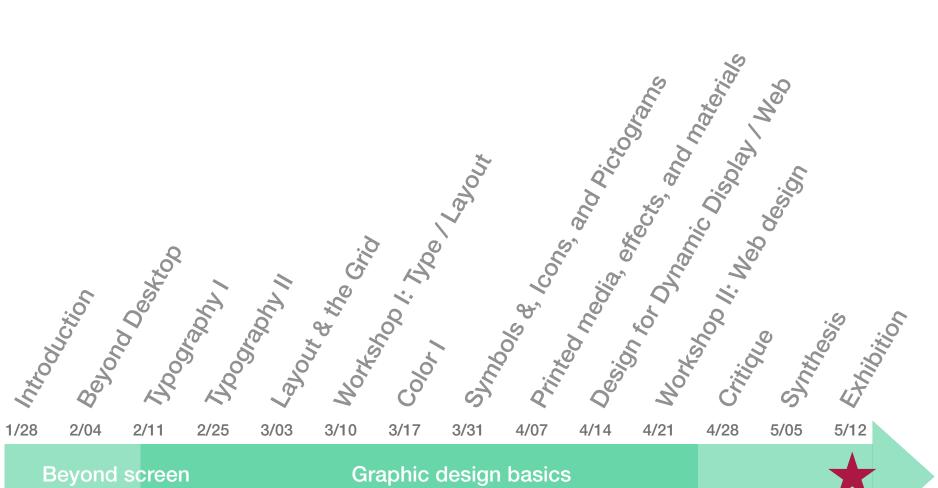
Toypography by Dai Nippon Type Organization, 2006

Why interface aesthetics?

Why interface aesthetics? Technology as part of everyday culture, so that it's beautiful and intriguing, so that it has emotive as well as functional qualities.

[Moggridge, 2006]

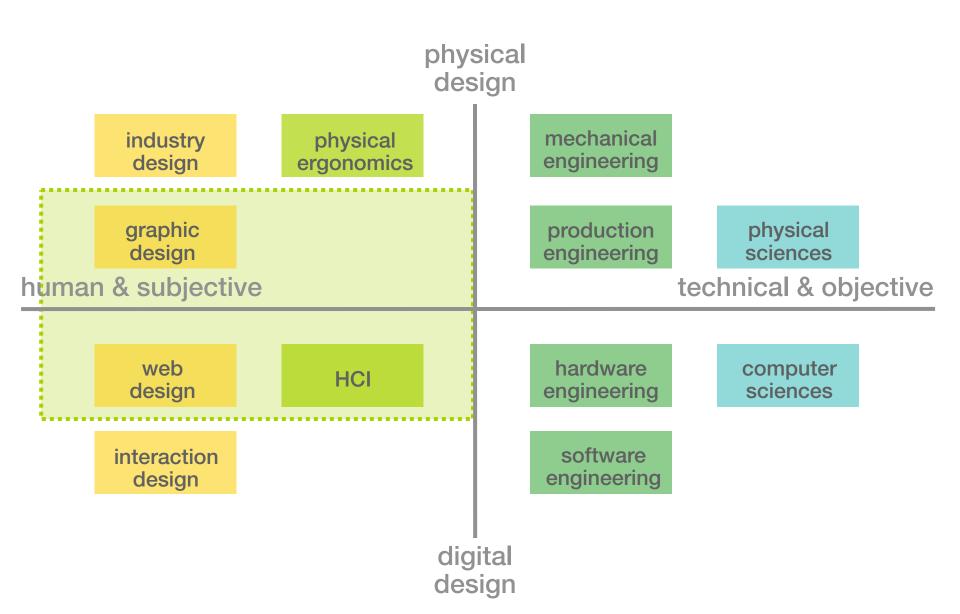
Course schedule



Beyond screen

Graphic design basics





Visceral

- What nature does
- Immediate reaction
- Look and feel dominate
- Consistent across people and cultures
- Sub-conscious

Behavioral

- All about use
- Performance matters
- Appearance does not matter so much
- Expectation driven
- Usability
- Sub-conscious

Reflective

- All about the message
- Reflecting selfimage
- What owning it means for us
- Rich history of prior experiences
- Conscious and intellect driven



What is design?

SYNTHESIS

To design is much more than simply to assemble, to order, or even to edit; it is to add value and meaning, to illuminate, to simplify, to clarify, to modify, to dignify, to dramatize, to persuade, and perhaps even to amuse.

[Paul Rand]

22 Recommendations

Have a concept.

Have a concept. You need to begin with an idea. No idea, no design.

Communicate with your design; don't just decorate.

Communicate with your design; don't just decorate. Every dot, line, texture, shape, color, and image should be related to the concept.

3 Speak with one visual voice.

Speak with one visual voice. All the parts of your project ought to be recognizably related to each other on a visual level.

Use two typefaces maximum.

Use two typefaces maximum. Ok, maybe three... In any case, it is what you DO with the type that really says something.

5 Show one thing first.



Show one thing first.

Then direct them – through a progression of size, weight and color changes, etc – down the line of important items or instructions.

Walking Skyscrapers New York City Walking Tours NYU School of Architecture Continuing Education Program

Experience the history and variety of Manhattan's noteworthy architectural wonders—the skyscrapers that have given the city its signature skyline and inspired its residents for nearly one hundred years.

Tour Programs

The Flatiron District September 17 New York's first scyscraper and the industrial buildings of the early 20th Century

Lower Manhattan September 24 Explore the concrete canyons that rose up on the site of New Amsterdam

Midtown October 5 The corporate megaliths of the 1970s and 1980s

Sign up now! Space is limited. \$125 per three-hour tour. Purchase the package of

Call the office of Continuing Education at NYU: 212.555.2259 or visit us on the Web at www.nyu.edu/arch/walk.html One academic credit Tours are open to the public

Walking Skyscrapers

New York City Walking Tours NYU School of Architecture Continuing Education Program

Experience the history and variety of Manhattan's noteworthy architectural wonders—the skyscrapers that have given the city its signature skyline and inspired its residents for nearly one hundred years.

Tour Programs

The Flatiron District September 17 New York's first scyscraper and the industrial buildings of the early 20th Century

Lower Manhattan September 24 Explore the concrete canyons that rose up on the site of New Amsterdam

Midtown October 5 The corporate megaliths of the 1970s and 1980s

Sign up now! Space is limited. \$125 per three-hour tour. Purchase the package of three for \$275

Call the office of Continuing Education at NYU: 212.555.2259 or visit us on the Web: www.nyu.edu/arch/walk.html One academic credit Tours are open to the public

Fall 2004

Continuing Education Program

Walking Skyscrapers New York City Walking Tours

wonders—the skyscrapers that have given the city its signature skyline and inspired its residents for nearly one hundred years

Tour Programs

The Flatiron District September 17 New York's first scyscraper and the industrial buildings of the early 20th Century

Lower Manhattan September 24 Explore the concrete canyons that rose up on the site of New Amsterdam

The corporate megaliths of the 1970s and 1980s

Sign up now! Space is limited.

\$125 per three-hour tour. Purchase the package of three for \$275

Call the office of Continuing Education at NYU. 212-555-2259 or visit us on the www.nyu.edu/arch/walk.html

One acudemic creat. Tours are open to the public.

Fall 2004

Experience the history and variety of Manhattan's

noteworthy architectural wonders - the skylcraper Walking Skyscrapers

New York City Walking Tours

Tour Programs

September 17 The Flatiron District

New York's first scyscraper and the in buildings of the early 20th Century

September 14 Lower Manhattan

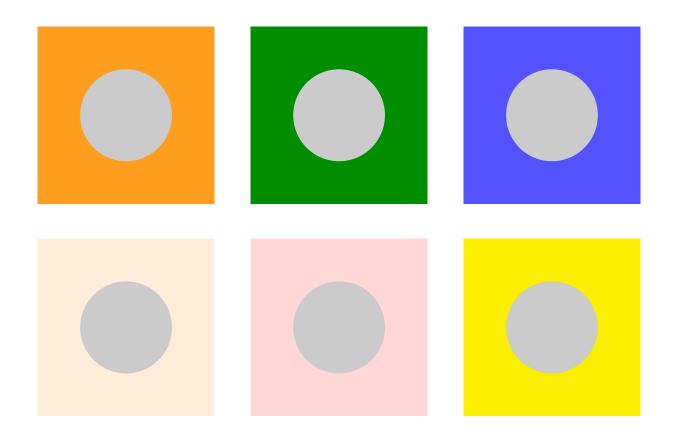
Explore the concrete canyons that rose up on the site of old New Amsterdam

Octobers Midtown

The corporate megaliths of the 1970s and 1980s

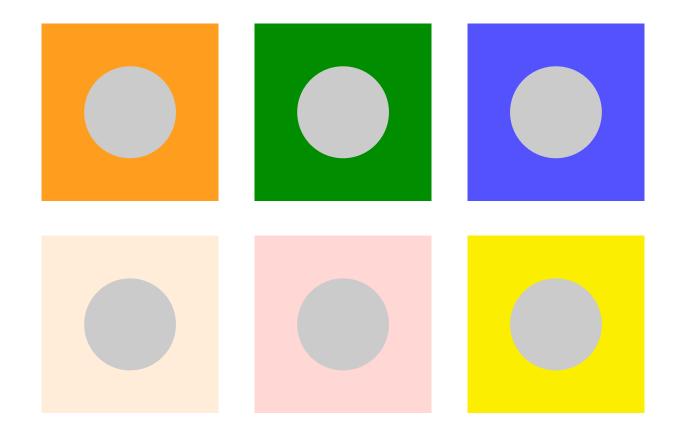
Sign up now! Space is limited. 212.555.2250

6 Pick colors on purpose.



Color is the most relative medium in art.

[Albers, 1963]



Pick colors on purpose.
Choose and combine colors in a meaningful and an optically dynamic way.

Your friends think it's just a lamp



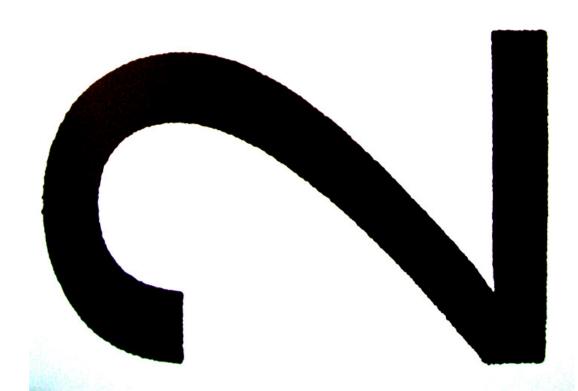
If you can do it with less, do it.

If you can do it with less, do it. "Less is more." Try to show only what's necessary.

SAN FRANCISCO ASIAN AMERICAN FESTIVAL



20 Jahre Buchdruckfachklasse Basel Typographische Monatsblätter Oktober 1967



Create negative space. Don't fill it up.





Nothing is an important something.

[Maeda, 2006]

Nothing is an important something.

The opportunity lost by increasing the amount of blank space is gained back with enhanced attention on what remains.

[Maeda, 2006]

G Treat type like image.



Treat type like image.

Type must be considered for its visual qualities, relative to other image material, to integrate it into compositions – even more so when there's a lot of it.

The iSchool is a small, multi-disciplinary collective of scholars and practitioners with backgrounds in the social sciences, engineering, computer science, law, and information science. In UC Berkeley's South Hall, roughly 100 graduate students and 13 faculty members share ideas and challenge each other to excel in a culture that values technical skill and breakthrough thinking, individual creativity and collaboration, relevant results, and a commitment to enhancing the quality, usefulness, and accessibility of information. As you'll see as you visit our home on the Web, we're proud of our community. You can hear from iSchool stars and associates through 10Qs, a recurring feature on our site, or meet students, faculty, staff, and alumni profiled here. You'll discover that iSchool faculty members are exceptional scholars and educators, specialists in leading areas of information research and practice. iSchool educators are also dedicated mentors with a deep interest in the success of their students. As iSchool alumni, our students go on to careers as diverse and challenging as information itself. You'll find them in start-ups and major corporations, including many of today's leading-edge technology firms, in government, media, libraries, and academic settings. They are consultants and project managers, usability experts and information designers. As Ph.D. graduates, they teach at leading research universities as well as in corporate and nonprofit think-tanks. Most broadly, iSchool graduates are knowledge architects, builders of our information society. Wherever they go they

The iSchool is a small, multi-disciplinary collective of scholars and practitioners with backgrounds in the social sciences, engineering, computer science, law, and information science. In UC Berkeley's South Hall, roughly 100 graduate students and 13 faculty members share ideas and challenge each other to excel in a culture that values technical skill and breakthrough thinking, individual creativity and collaboration, relevant results, and a commitment to enhancing the quality, usefulness, and accessibility of information. As vou'll see as you visit our home on the Web, we're proud of our community. You can hear from iSchool stars and associates through 10Qs, a recurring feature on our site, or meet students, faculty, staff, and alumni profiled here. You'll discover that iSchool faculty members are exceptional scholars and educators,

The iSchool is a small, multi-disciplinary collective of scholars and practitioners with backgrounds in the social sciences, engineering, computer science, law, and information science. In UC Berkeley's South Hall, roughly 100 graduate students and 13 faculty members share ideas and challenge each other to excel in a culture that values technical skill and breakthrough thinking, individual creativity and collaboration, relevant results, and a commitment to enhancing the quality, usefulness, and accessibility of information. As you'll see as you visit our home on the Web, we're

The iSchool is a small, multi-disciplinary collective of scholars and practitioners with backgrounds in the social sciences, engineering, computer science, law, and information science. In UC Berkeley's South Hall, roughly 100 graduate students and 13 faculty members share ideas and challenge each other to excel in a culture that values technical skill and breakthrough thinking, individual creativity and collaboration, relevant results, and a commitment to enhancing the quality, usefulness, and accessibility of information. As you'll see as you visit our home on the Web, we're proud of our community. You can hear from iSchool stars and associates through 10Qs, a recurring feature on our site, or meet students, faculty, staff, and alumni

The iSchool is a small, multi-disciplinary collective of scholars and practitioners with backgrounds in the social sciences, engineering, computer science, law, and information science. In UC Berkeley's South Hall, roughly 100 graduate students and 13 faculty members share ideas and challenge each other to excel in a culture that values technical skill and breakthrough thinking, individual creativity and collaboration,

KINNEAR CARELL COLLETTE DANG BRESLIN ARKIN

"THE FUNNIEST LAUGH-OUT-LOUD AUDIENCE PLEASER
AT THE SUNDANCE FILM FESTIVAL."

----- CHUCAGO SUNTIMES

"THE ROAD IS TWISTED AND SO ARE THE LAUGHS.

THIS ONE IS A WINNER."

---- RollingStone

"A HILARIOUS TALE ABOUT WINNING, LOSING AND THAT NETHER STATE IN BETWEEN WHERE MOST OF US MUST LEARN TO LIVE."

"A MAGICAL EXPERIENCE."

..... San Francisco Chronicle



LITTLE MISS SUNSHINE



The state of the s

10 Be universal. It's not about you.

Be universal. It's not about you.

You are creating clear messages for other people. The more understandable the images you make, the better.

Distribute light and dark.

Distribute light and dark.

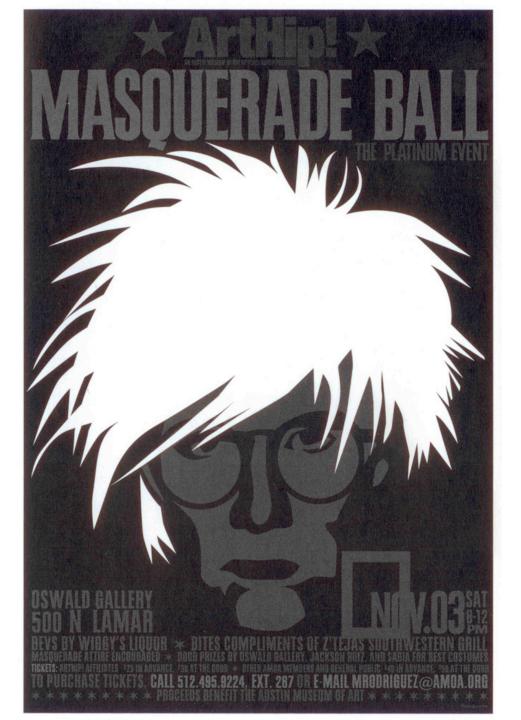
Manipulate the quality of dark and light values; sharp and aggressive, fluid and murky, bold and clean...

Kunstgewerbemuseum Zürich Ausstellung

OET M

10. Januar bis 30. April 1960

Offen: Montag 14-18, 20-22 Dienstag-Freitag 10-12, 14-18, 20-22 Samstag-Sonntag 10-12, 14-17



Be decisive. Do it on purpose, or don't do it at all.

Be decisive. Do it on purpose, or don't do it at all.

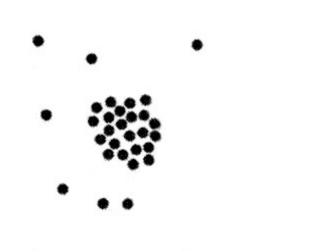
Avoid being wishy-washy in arranging things. Visual elements should be clearly one thing or another, one way or another.

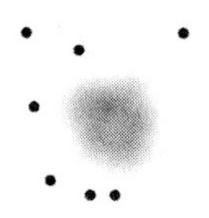
13 Measure with your eyes.

Measure with your eyes. All visual forms play off each other. Eyeball it. Make them behave the way you want them to look like they are behaving.

Squint to open your eyes

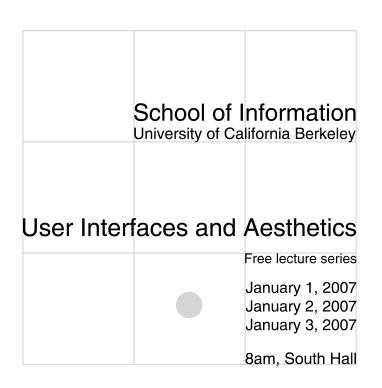
[Maeda, 2006]





14Move it! Static equals dull.

Move it! Static equals dull. Arrange visual elements asymmetrically with differing spatial intervals between them. Create the appearance of spatial depth and movement.





VORZUGS-ANGEBOT

THE PERSON DESIGNATION OF PRESENT OF THE PROPERTY BUTCHEST Bartin Sitt St. Druftundutt. S. arachairt alamedichet.

JAN TSCHICHOLD

Letter an der Malateracture für Deutschleisige Bestelnicher in Williamen.

DIE NEUE TYPOGRAPHIE

Readbuch für die gezantie Fechwell and die drucksachenrerbruschenden Kreise

Dec Problem der teuen pieduftenden Typographie hat eine behaffe Dissuppine but after Behaltigher hereingen finn. Wir gleichen den Destirt nis, die aufgegefelten Fragen ausfehrlich behannet zu sehen, au ert spreadure, want air joid air Handbuch der MENER TYPOGRAPHIE

Ex halo dure Variation, across from balanchister Verticler, in discer-Buche cudotet dwarf an, det etgen Ziebnsterburg der beute Typographic to Lyon Geomethompton houtiges Labore substituted get and as beweises, diel die neue Typingraphie ein steriot tellestidiger Apalitiels sinor neues (Sestimon) tol. aim die Fest Macharel stat place Name, day and present Zaid extribited Disses precitivities to Safastridiploit dur neuer Typographie belegt wallerhie eine britsche Dar stoling for after Typographia. Die Erturplung für neuen Maleres, on the area have present Zelf points techniques of previous let, wild in areas reach discretizes Authors Sen Buches (since Selfice dur. partiett. Ein bargur Absorbeitt "Dur Genefalefte der neuen Typegenphile"twilet by don withtigates Tale das Buches, der Grundbagriffen der neuen Typographes that. Diese mortes his formageschild, mattige and fainthe thousands amonthe population-profess Zeni en-tern Artisal Industria: "Photographia and Typographia" and Nese Typographic and Bormony

Eur Heighwert des Beches für den Provider besticht in dem nunden Tot ... Typegrephische Haupttomen' Josha des schandenande Antachurerseiche bi. Ex fehrlich bieber an airein Werke, das wie siesen Buch the action has entacted that sufficient authorized and electronic frages in patient on the Authorized Laboratoria. Authorized and stillet tubes aligemeinen Typographischen Regule ter allett die Abbitonger after in Battacht kommenden Normitäller des Divisione Noncommunication, and anders is Reportulation of Verschriften and options to Despire, Engels again and Baleane.

Fix John Buthinghat, indemonders Japan Akademisetyer, wird "Dienow Type property are unantitativities Plantitions in the Vermitt garageral Seducting of as for Bullions facilities, Sederal hagraphies, Nauthoris, Photographes, Architectus, Agenture and Schefishelm. and für are, the not own flucturies in Sectioning Someon.

INIMALY DES BUCHES

Marries and Wester that seems Typesproprie IN AND TAXABLE PROPERTY AND THE

Passagraphische Respitatione

Distriction of the control of the co

La Deputition | Barrier Berling Property Schriger

STATES AND SECURITY.

Des Buch eritatt mar 125 Abbildungen, ran cuses stee an Wester greatfarbig postuces tot, and amindt pages 200 Saltes and galam Kanahdruckpapier. Ex prechaint im Formet Six A.S (148): 110 mm) and let birgum in Consistent polyecter.

Preis Sei Verberfellung bis 5. Juni 1938: 6.00 FM durch dan Buckhandel our year Preise you

Bestellichels amelebend :

| DANTS CHICKOLD Jahrar and Michigan Chickold Speech Chickold Jahrar and See Michigan Chickold Speech Chickold Jahrar and See Michigan Chickold Speech Chicko | in Military and | | VORZUGS-ANGEBOT |
|--|--|---------------------------------------|---|
| DIE NEUE TYPOGRAI Readback für die gesannte Fachweit and die drucklaschestenbreuchtenden Kraine | PHIE | | |
| the States of States and States a | Committee of the commit | | Actions and Process for several Psychoperation for lead of the power of the several Psychoperation for lead of the power of the several psychoperation for lead of the psychoperation for lead of the psychoperation for leading of the psychoperation for leading of the several Psychoperation for leading of the several Psychoperation for leading of the psychoperation for leading of |
| | (money) and and are to fractly eapl (100 area) o Freely (co.) | en non Et gan art, Ea and la | in one 120 Abbildengen, ver Volunt zwelferbig gedrockt int per 200 Abbilden ed gelow Kanth per 200 Abbilden ed gelom Kanth arethelet in Frontal Side A5 (A5). biogram in Genelalene gebonden sting on Cont 1031: 5.00 Int Sechellackein prosidence 800 |



ANHALT SCHER KUNSTVEREIN JOHANNISSTR. 13

GEMALDE AQUARELLE

KANDINSKY

JUBILÄUMS-AUSSTELLUNG

GEBURTSTAG

| | - hm |
|-----------|--------------------------|
| Geöffnet: | Wochentage: 2 - 5 nachm. |
| | Mittwoch u. Sonntag 11-1 |
| | Mitelieder: Frei |
| Eintritt: | auchtmitglieder: 50 Ptg. |

Nichtmitglieder: 50 Pfg.

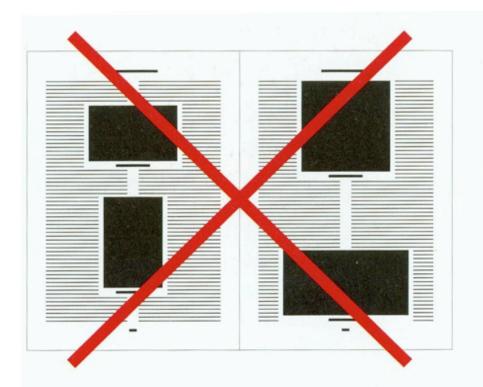
Look to history, but don't repeat it.

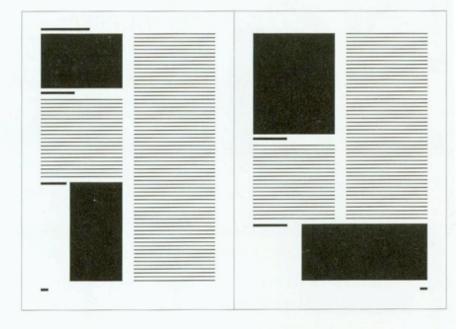
Look to history, but don't repeat it.

Applying one's understanding of how a famous work achieves its goal and ripping it off are two different things.

16 Symmetry is the ultimate evil.

Symmetry is the ultimate evil. Symmetrically organized material creates repetitive, static spatial intervals.





THE NEW TYPOGRAPHY Diagram, 1928 (redrawn) Designer and author: Jan Tschichold Tschichold's diagram of good and bad magazine design advocates staggering images in relation to content instead of forcing text to wrap around blocks moored at the center of the page. Explaining this experiment, Tschichold wrote that his redesigned pages would be even more effective if the photographic halftones (called "blocks") were produced in fixed rather than arbitrary sizes.

17 Don't look at

Don't look at objects only straight on.

Don't look at objects only straight on.

Change your point of view and move around.

Choose your destination first.

Choose your destination first. Without knowing where you are going, you won't get very far.

19 Back to the basics.

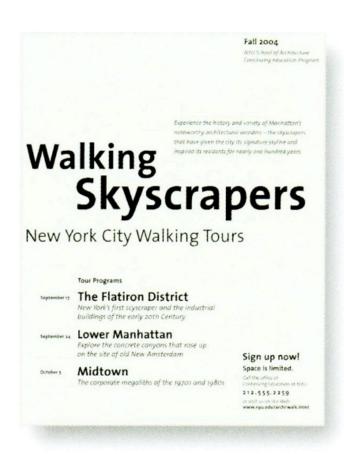
Back to the basics.

Always keep the basics in mind. More often than not it may lead to a solution.

Details as well as the whole.

Details as well as the whole. Keep an eye on the overall picture, but don't forget that the details make the picture.

Macro and micro views Seeing the whole and its parts.





21 Design is never done.



Your design may outlive you.

Thanks!