THE RECEDING "GEOGNOSTIC" HORIZON (translation) &

some critical observations on changes in the place of natural horizons in drawing and environmental portraits



07.01-24.03.2021

Horungrakken fra en Topi Koldedalen.

1857, German

language.



Professor B. M. Keilhau's

Biographie.

Von

ihm selbst.

Mit zwei Beilagen.

Christiania.

Johan Dahl's Buchhandlung.
1857.

Von

ihm selbst.

Mit zwei Beilagen.



The aquarelles and drawings from manuscript- and board-collection 1247 were done in 1820 when Keilhau (K.) was 23 years old. Some years later (1826) he was employed by the University of Christiania (Oslo) as a lecturer of geology. A new subject. In the year of national Constitution 1814 The Rock Seminary was moved from Kongsberg to Christiania. The Rock class was moved to the Drawing School, where



polytechnical subjects were taught, whereof some—such as drawing—were relevant to geologists. K. learned to draw from Johannes Flintoe who was specialised in landscape painting, scenery, decoration, ornament (when he arrived from Denmark to Norge he came in contact with the art and drawing milieus which at this time were educated at the Military academy, including map-drawing). In 1840 K. entered the Drawing School's management, as is related in his biography (written in a rather simple German idiom):

«Im Jahr 1840 würde ich zum Mitglied der Direktion der Koniglichen Zeichen und Kunstschule in Christiania gewählt, in welcher Funktion ich bis zum Jahre 1853 verblieb. Eine Krankheit, an der ich seit mehreren Jahren litt, hatte nun besonders meinen Kopf in dem Grade geschwächt, dass ich meine Geschäfte auf dasjenige beschränken müsste, was mein Amt ganz nothwendig forderte; daher fand ich mich in dem letzgenannten Jahre genöthigt, meinen Posten an der Zeichenschule niederzulegen.»

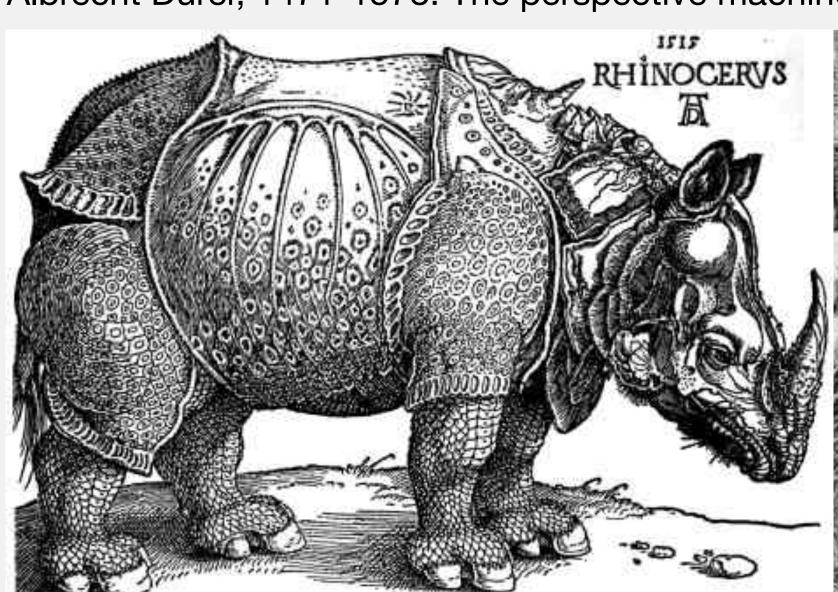
vanishing point = v.p.

v.p.

≠ horizon

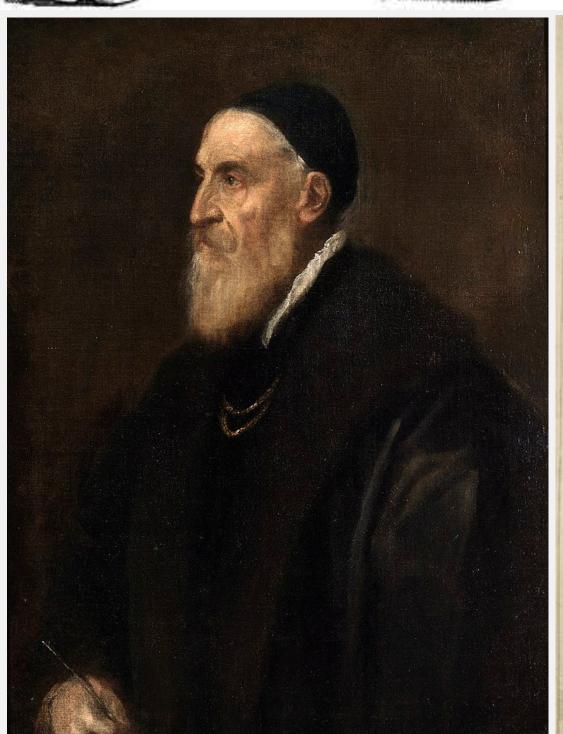


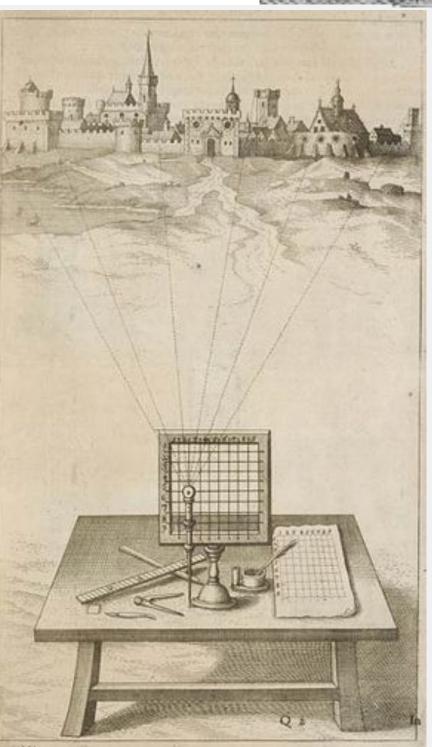




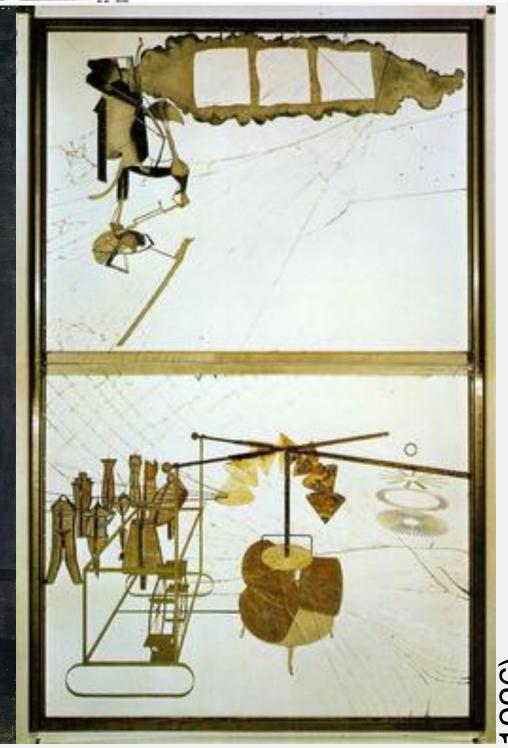








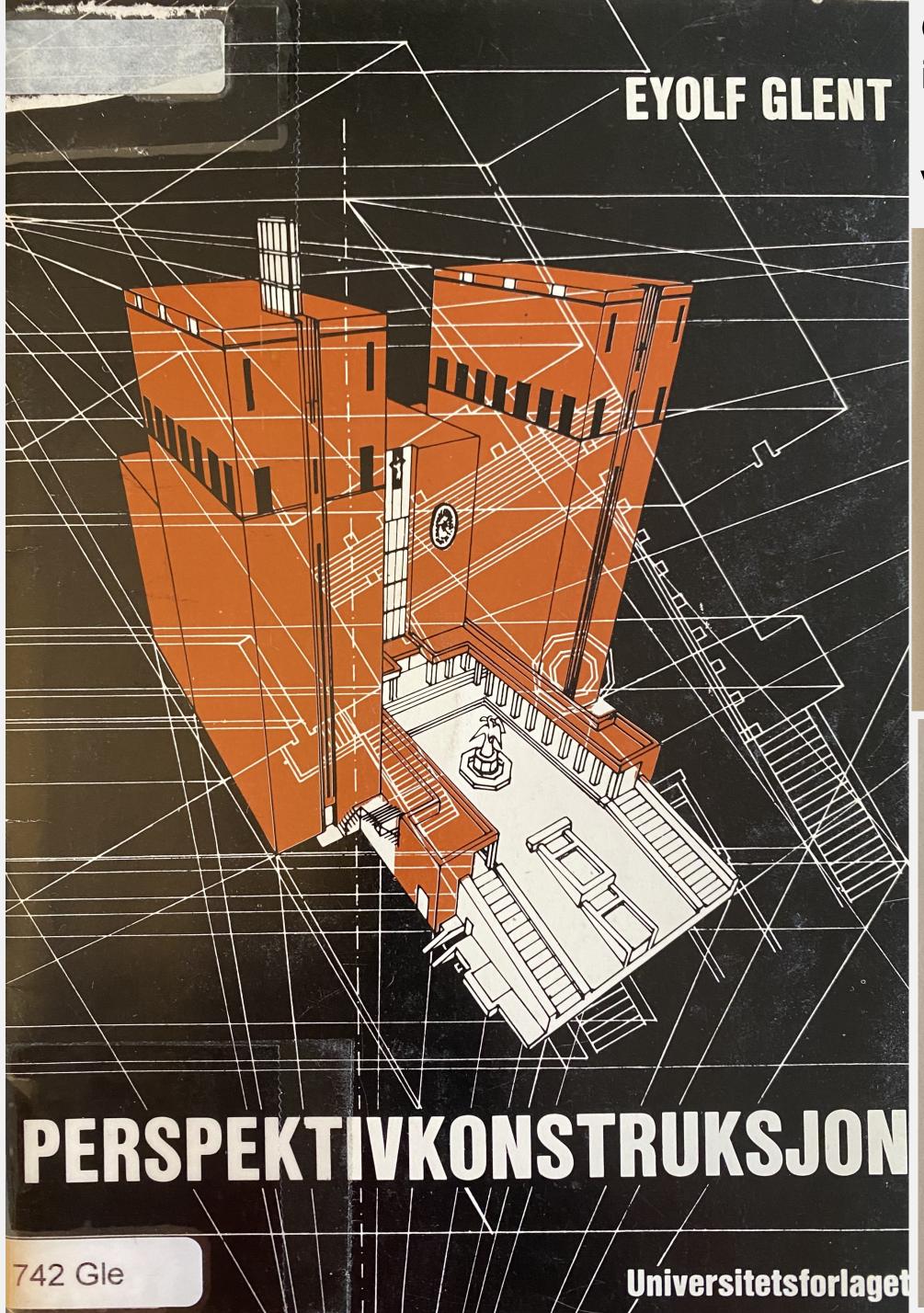




Titian (self portrait, 1567)

Böcklin (Toteninsel, Basel version, 1880)

Duchamp (The large glass



GIST: drawing is linked to the idea of photography, or the photography of an item before it exists, or advance depiction of a future project.

volume published in 1966 (3rd edition 1987)

Tegnemateriell

Skal en lære å beherske perspektivkonstruksjon, er det nødvendig å gjennomarbeide stoffet på tegnebrettet. Hvis en har syslet med konstruksjonstegning tidligere, har en kan hende både tegnebord og tegnemaskin for hånden. Å gå til så store anskaffelser er likevel ikke nødvendig. Dette tegnemateriellet er tilstrekkelig: I århundrer har kunstnere og ingeniører, arkitekter og matematikere vært på leting etter et vitenskapelig tegnesystem som gjør forhåndsavbildninger av et fremtidig prosjekt mulig.

Ved hjelp av skygge og belysning kan man klarere se den tredimensjonale formen på prosjektet. Denne boken gir mange eksempler på skyggekonstruksjon.

Teksten med tilhørende illustrasjoner er utarbeidet under forutsetning av kunnskaper om elementær geometri og rettlinjet projeksjon.

Jeg vil takke studenter ved SHKS som har bidratt med tegninger til boken.

Oslo, april 1986

E. Glent

Takket være geometrien og det geometriske perspektivet er det mulig å «fotografere» huset før det er bygd: perspektivet blir konstruert.

Men en perspektivkonstruktør må også ha en arbeidstegning med grunnriss og oppriss. Konstruktøren må vite de nødvendige lengder, bredder og høyder.

Vi regner italieneren Guido Ubaldo del Monte (1545—1607) som skaperen av den geometriske perspektivteorien. Han pekte på det alminnelige begrepet om fluktpunktene (puncta concursus) for parallelle linjer og løste de grunnleggende oppgavene i forbindelse med planfigurene. Av andre som før ham hadde arbeidet med problemene, kan vi nevne Leonardo da Vinci.



information Op<u>t</u>agelse

(minimal pair)

view Op<u>d</u>agelse

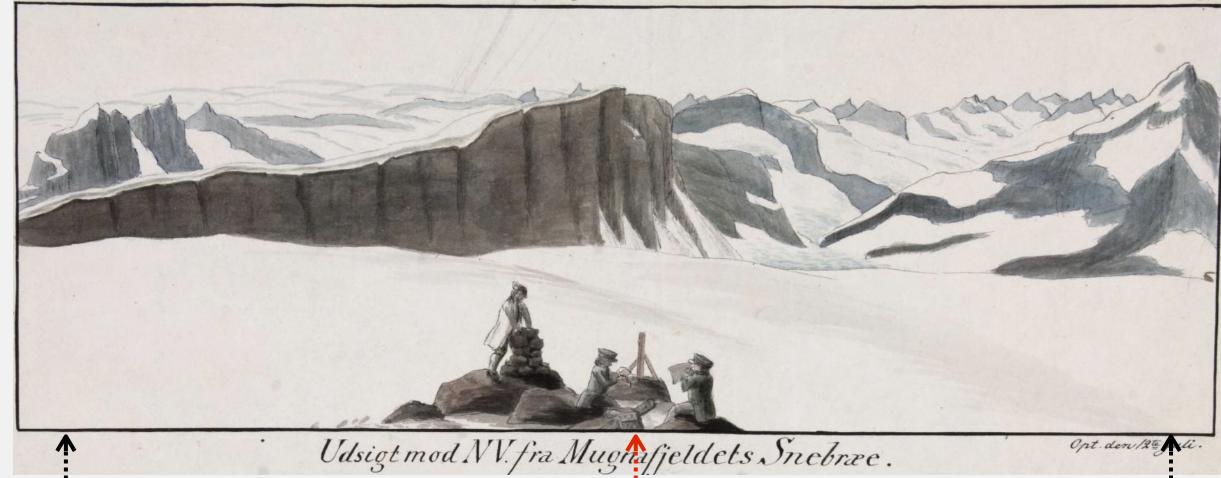
field-drawing

interpretation:

 T_1

 T_2

prospect



§1 Foreningens Formaal skal være at samle, opbevare og vedligeholde, enten selv eller ved Afbildninger fædrelandske Oldsager og historiske³²³ Mindesmærker af alhvert Slags. Gamle Stavekirker og andre architectoniske Gjenstande fra Fortiden vil Foreningen saaledes søge at opbevare for Efterverdenen enten ved Istandsættelse og Vedligeholdelse, eller ved Optagelse af nøiagtige og troe Planer og Tegninger. Den Bistand som af Sagkyndige dertil maatte ydes, honoreres af Foreningens Casse.³²⁴

The *central* drawer is turned away from the precision instrument w/the barometer before him on the ground: it could therefore be Christian Peder Bianco Boeck.

The drawer to the *right* uses the precision instrument attentively in the work, and can be Balthazar Mathias Keilhau. The man building the cairn is Ole Urden.



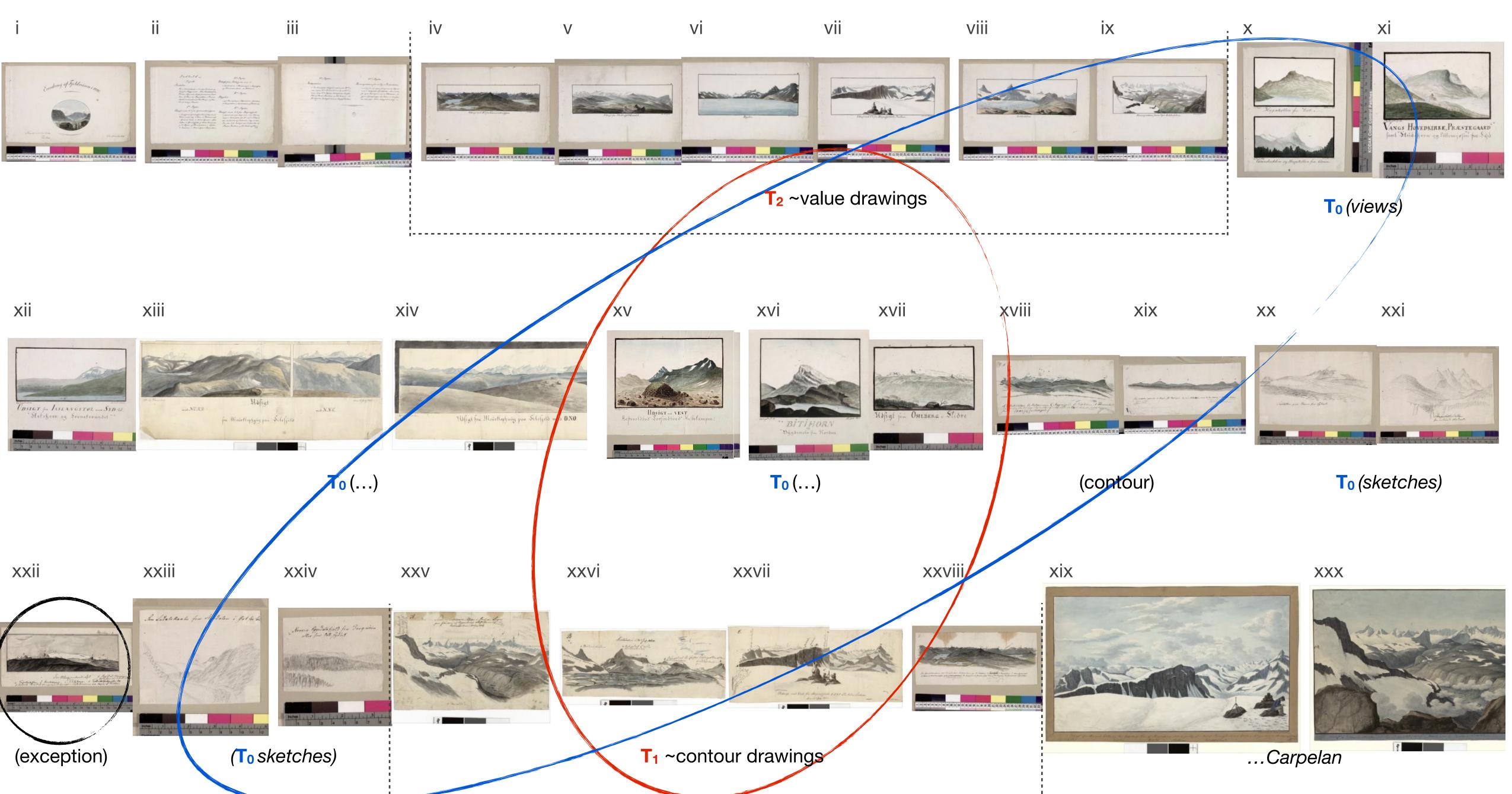
It is the rain deed hunter *Ole Urden* (as Jo Gjende in the image) who is **proficient** in this terrain. Similar relationship Arne Næss had to Tvergastein by Hallingskarvet.

This drawing has a <u>frame</u>. All the annotations are outside the frame. The bottom line has ascended. We look at the image through a frame/diaphragm.

The <u>effect</u> is that we stand closer to the abyss over the edge of the snow shelf, and we who are not there can yet feel the forces in the landscape.

[v]ed Undersøgelsen af Tagverket gjorde Hr. Holtermann en interessant Opdagelse. Sperrerne ere nemlig omhyggelig afhøvlede og listede, hvilket aabenbart viser, at de engang have været synlige. Dette har haft noget ganske andet opløftende ved sig, end det nuværende plane Loft, som hviler paa Tværtræerne, der maae være senere Tilsætninger. (Nicolaysen 1845b:12.)

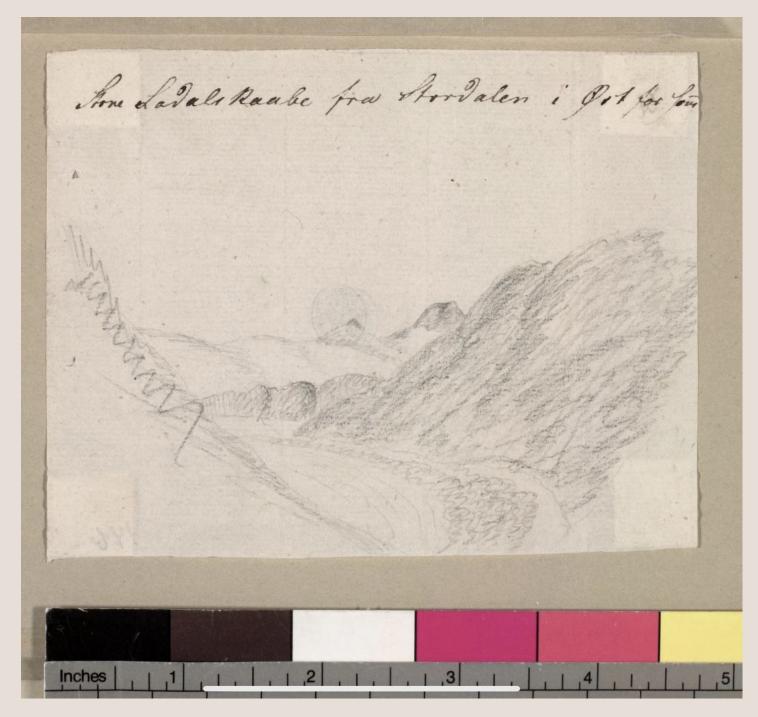
The linguistic sample from *«Om denne haves intet mærkværdigt» A text- and knowledge historic study of the Stave churches in 18th and 19th century* Sine Halkjelsvik Bjordal, PhD, 2020.



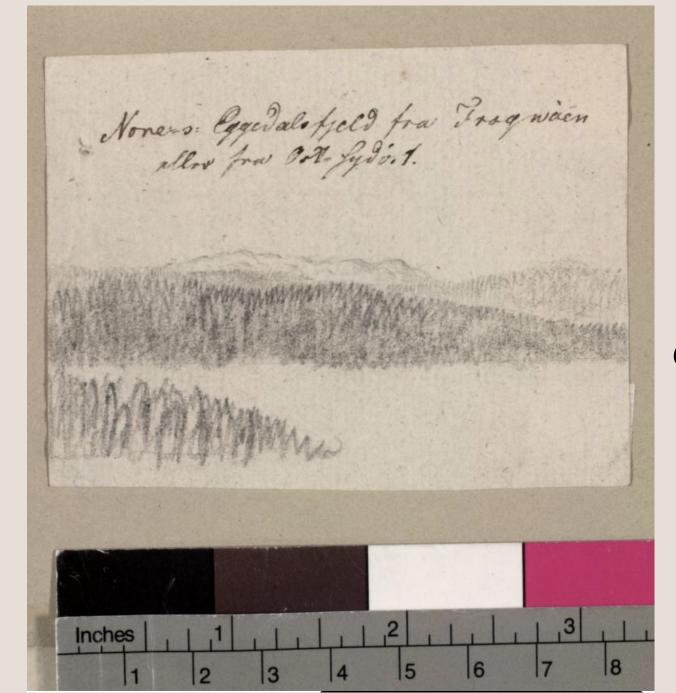


Context—
becoming
visually
proficient in the
landscape

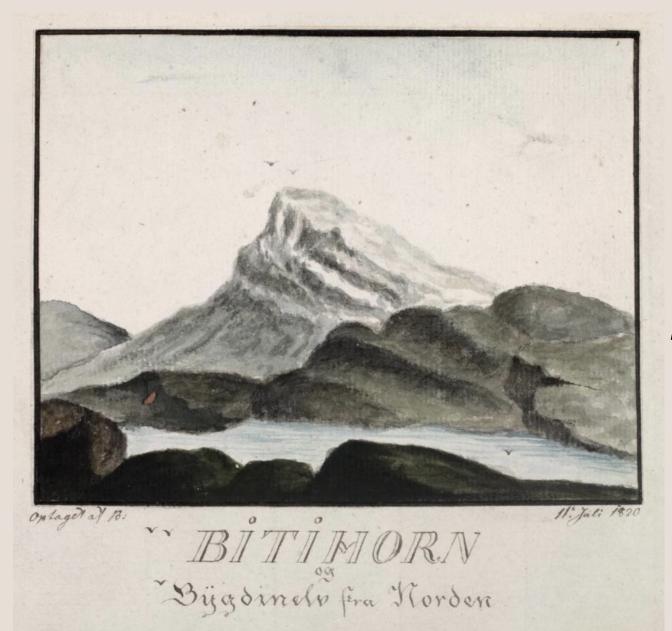
sketches



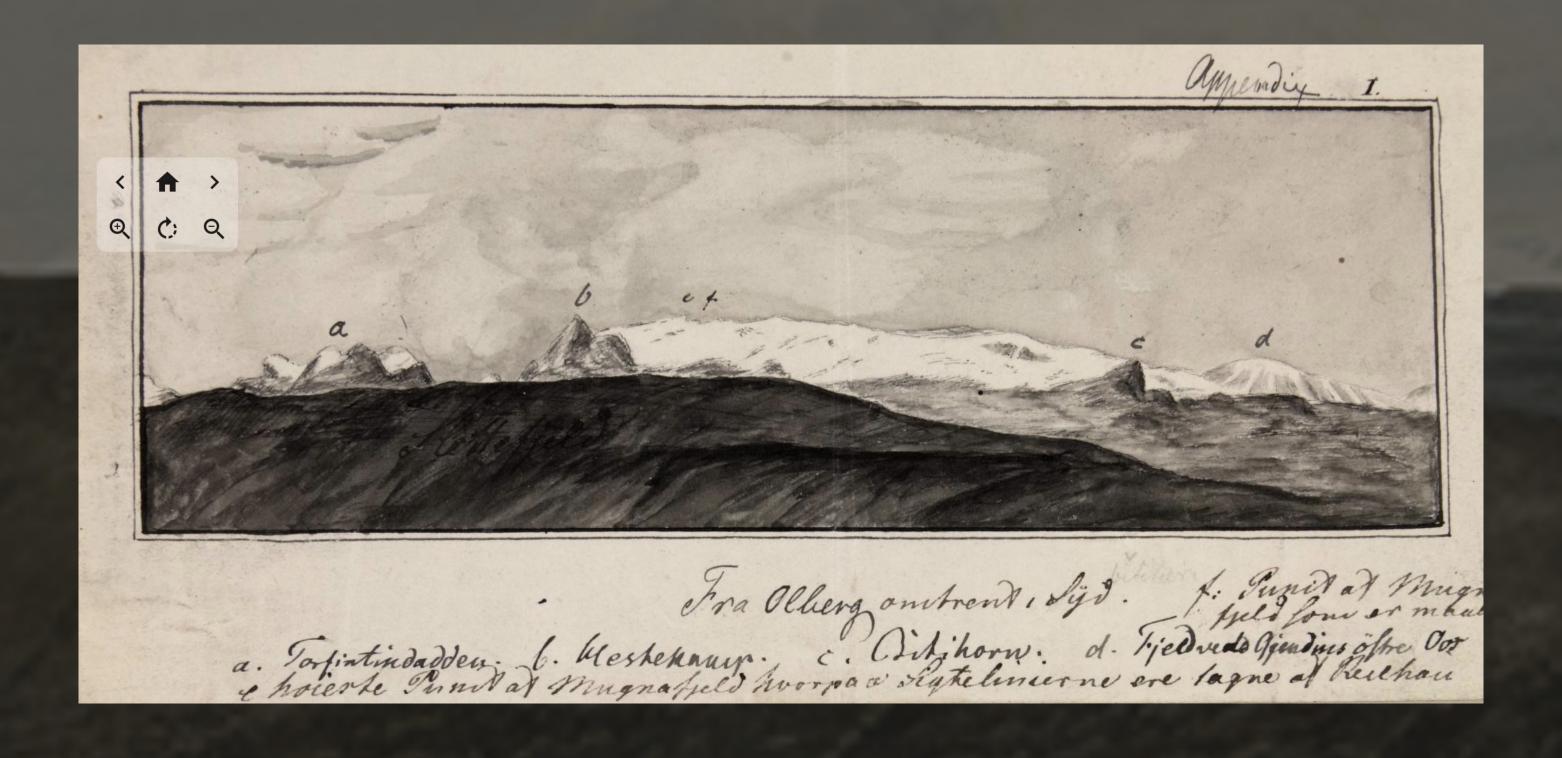




closer up

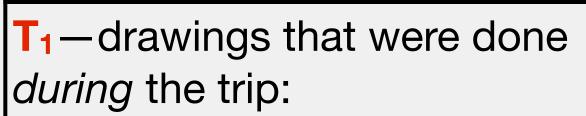


more distanced









- 1) without frame;
- 2) annotations *inside* the image 2)

T₂—drawings that are reproduced after the trip:

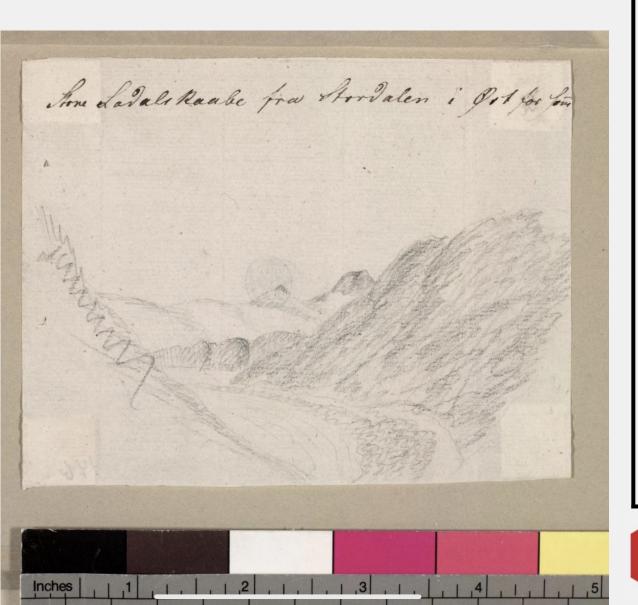
- 1) all have frames;
- 2) annotations *outside the* frame



Horungrakken fra en Top i Koldedalen.



Exception: drawing with *frame*, annotations are *inside* the image; an *added* appendix



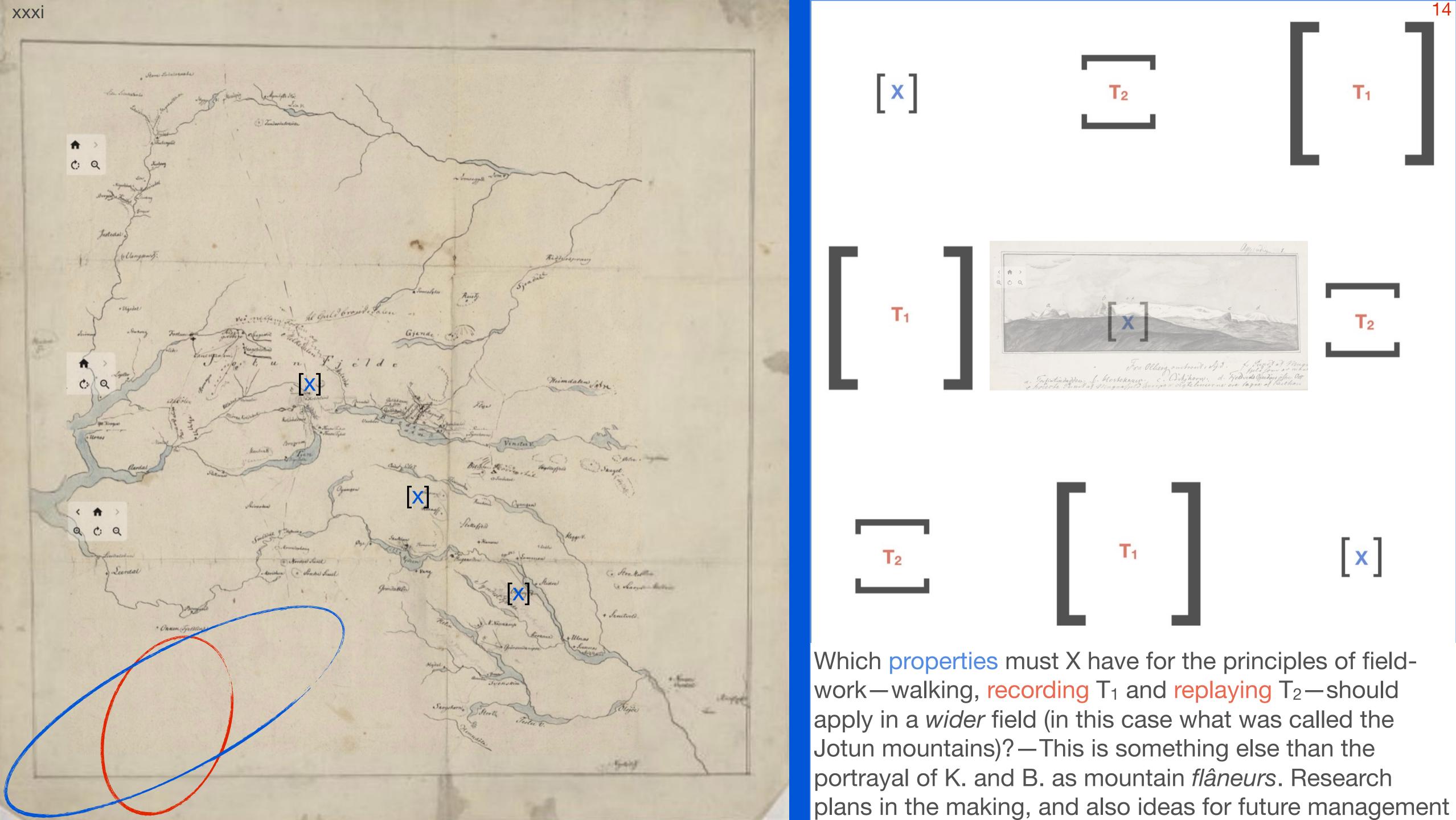
Context to T₁: quick/proximate skteches (added)

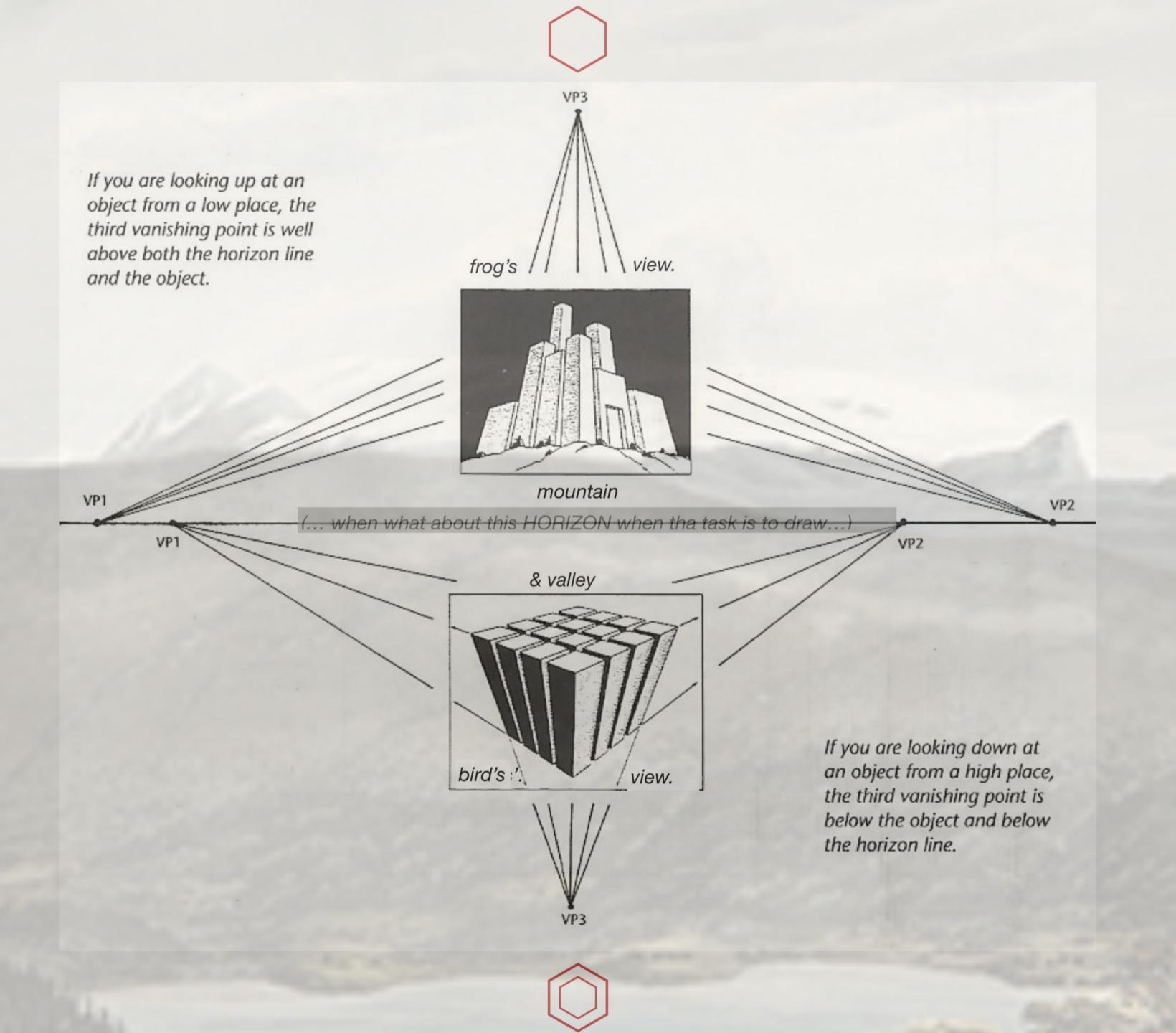
Context to T₂: remote *views* (added)

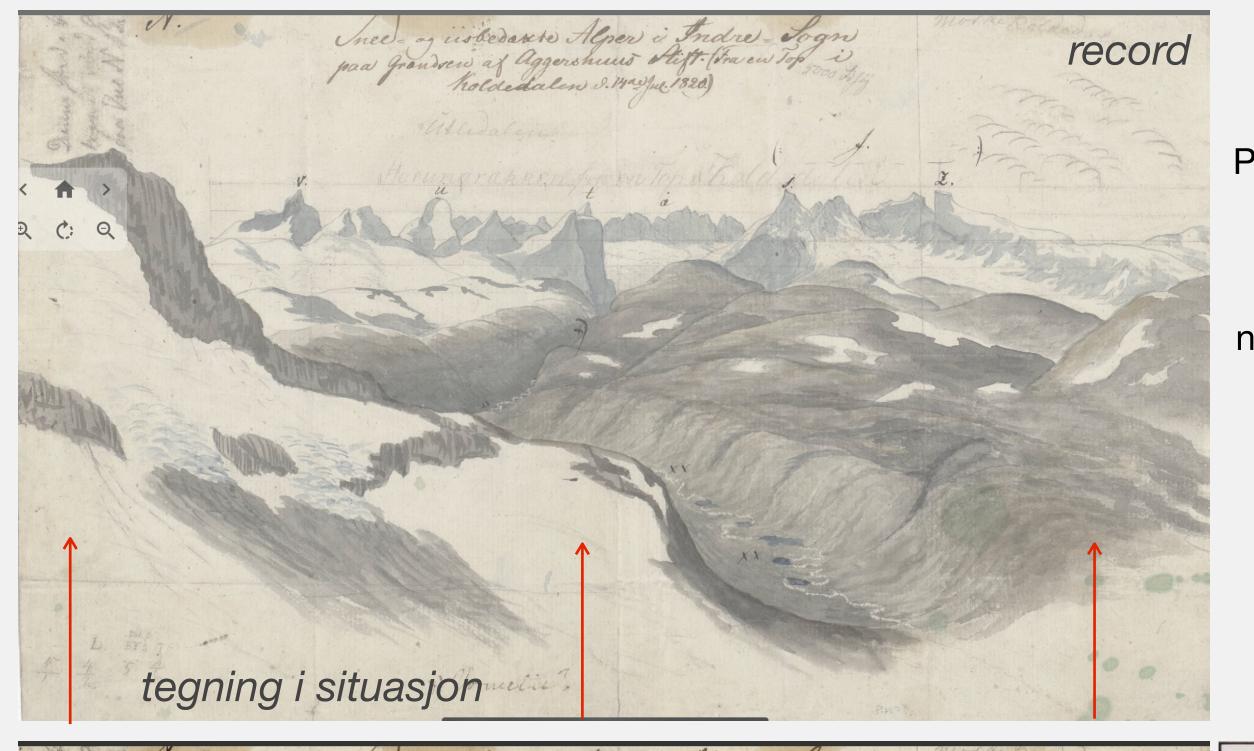










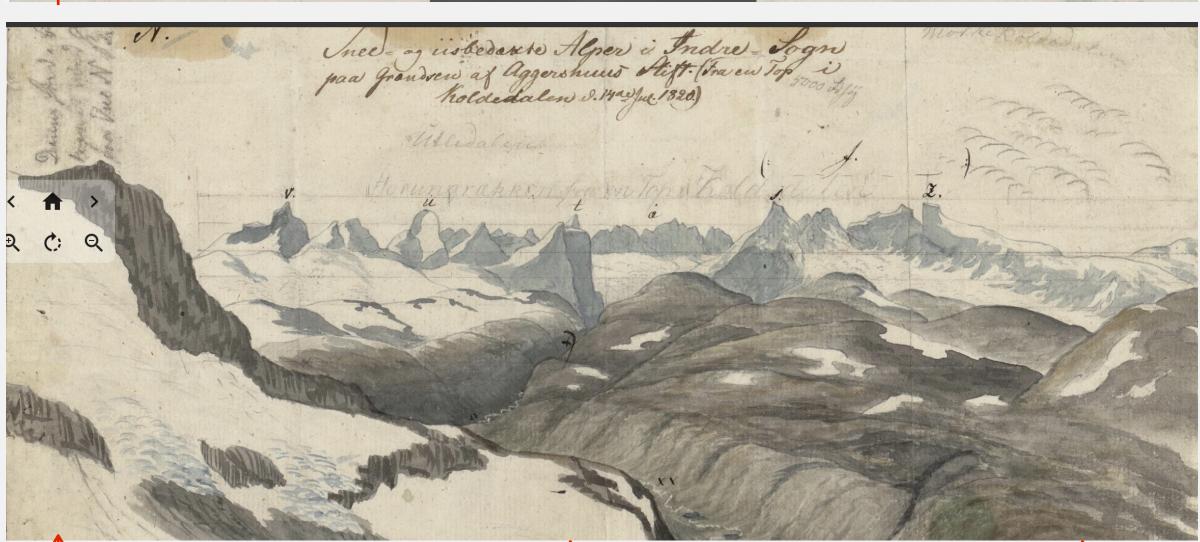


Johannes Flintoe 1787-1870

Painting from 1837

16 år etter er utsikten blitt et nasjonal romantisk motiv, i kultur Norge.





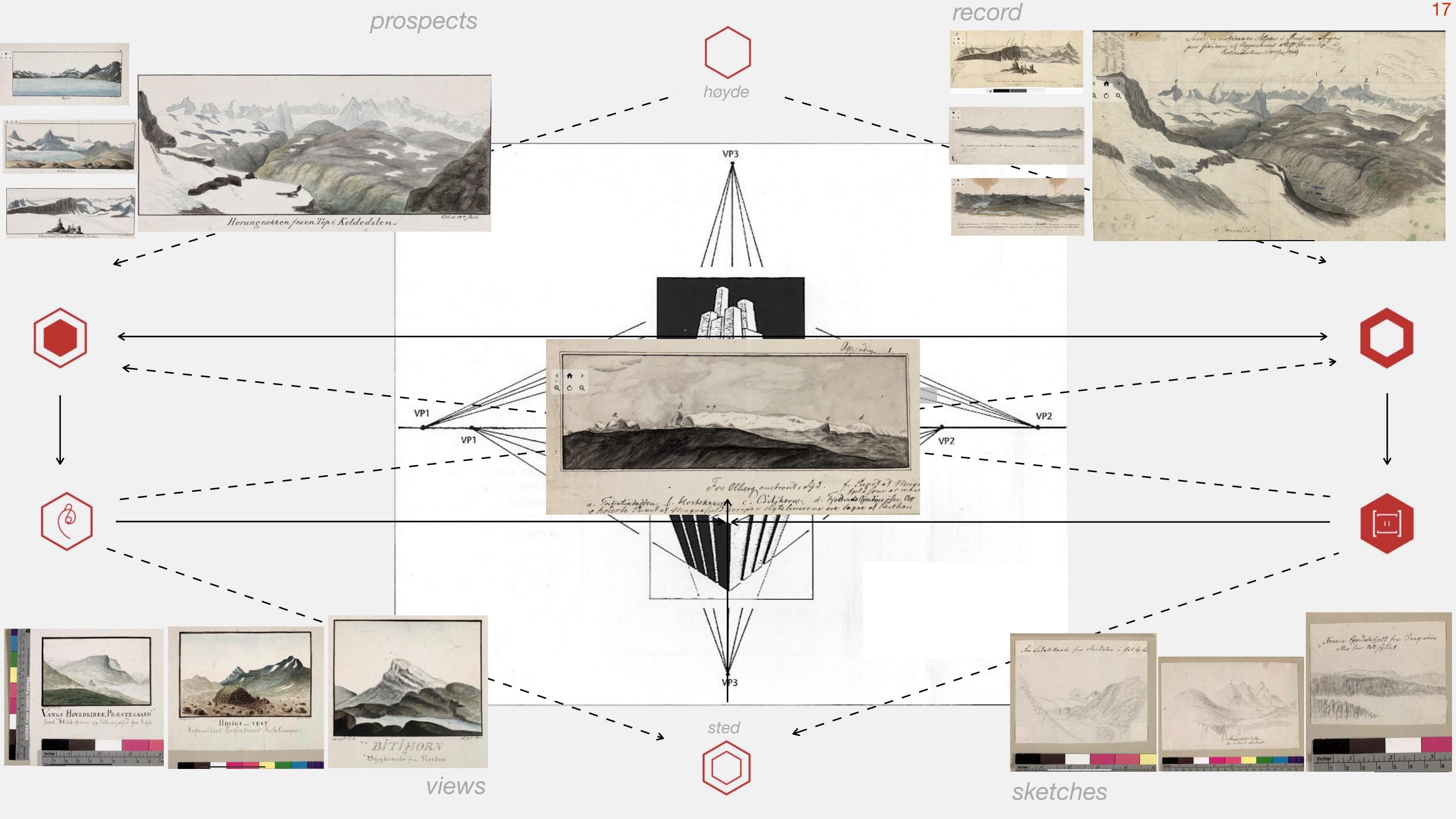


K.'s drawings

Horungrakken fraen Topi Koldedalen.

Opt.d. 14 de Juli.

fold





"Die Universitåt Norwegens besitzt eine mineralogisch-geognostische Sammlung, die Alles vereinigt, was die grosste Hoffnung in dieser Beziehung erwarten kann, nåmlich, dass sie ein Abdruck der Natur selbst ist. In der grossten Vollkommen heit hat man fast Alles, was die Zusammensetzung jedes Distrikts betrifft. Wir besteigen mit Leichtigkeit die hochsten Gebirge, wir nåhern uns und betrachten die Bildung der wildesten Kusten, wir dringen in die Fjorde ein, und ohne je den Zusammenhang zu ver lieren, konnen wir den Zusammenhang der Oberflåche von Norwegen bis in die tiefsten Thåler verfolgen. Keine Sammlung zeigt uns die so hochst merkwiirdige ausgestorbene Welt, welche Christiania umgiebt, in einer so lehrreichen Uebersicht, als das, was hier ver einigt und bestimmt ist. Nirgends sonst sind alle die Mineralien, welche Norwegen besitzt, in solcher Pracht und Manigfaltigkeit zu sammengestellt und geordnet. Alle diese Einrichtungen verdankt man demselben Gelehrten, der mit unermudlichem Fleiss und Scharf sinn alle norwegischen Gebirge untersucht hat, und seine Werke werden stehen und beniitzt werden, so lange Norwegens Gebirge stehen. Er hat sich ein Monument errichtet, das seinen Nåmen auf die spåte Nachwelt bringen wird." K.s biografi





ON THE MODE OF FORMATION OF CRYSTALLINE LIMESTONE, CONTACT-PRODUCTS, CRYSTALLINE SILICIDE-SLATES (...) Edinburgh New Philosophical Journal, 1844

We should thus create an indestructible basis for geology, and could provide for it a foundation of data really belonging to itself, which would con fer on it an independence that is at present awanting.	It is an acknowledged truth, that we cannot be very doubtful as to the origin of a mountain-rock when the relations of its masses are clearly placed before us; at least, in such a case, altogether erroneous hypotheses would scarcely be possible.	formation, place it in the same class with the	sides by the sedi mentary rocks, we cannot attribute to it an eruptive origin; in short, by means of this simple but correct mode of examining the subject, both the hypotheses which are most frequently brought forward would be rejected.
So long as, owing to the impossibility, in most cases, of obtaining a knowledge of facts by direct examination alone, observer, always endeavour, in a greater or less degree, to assist their observations by supposing, by means of	considerations as to causes and actions, how the phenomena under investigation must be, this great evil must result, that the science does not obtain possession of perfectly unmixed data.	partly the work of the understanding of observer, and, as they are more or less the	degree illusory, being founded on such a basis; nay, the whole pro cedure remains a mere movement in a circle, inasmuch as the observer explains what the explanatory reasoning itself has just silently advanced.
As we cannot obtain such irrefragable knowledge of geological facts as would be possible on the supposition made above, geologists are so far from assigning to results obtained by geognostical examina tion the just rank in their theories, that	they often consider themselves authorized to modify the exposition of geological phenomena, in order to accommodate it to the explanation created out of those sciences which only stand in more or less remote connection with geology.	investigation at present pursued in geology; and at the same time, to jus tify the method which has been adopted by myself, and	expression, of marble; next, of several of those peculiar mineral masses, which are most easily designated by the name of "contact-formations;" and, lastly, to say some thing on the crystalline silicide-slates, and the unstratified crystalline silicide-rocks.
	Should it even be necessary to assume, that solution did not take place at all during the process, and that these agents have had to work in a perfectly solid mate rial, we can easily recall to our remembrance some facts which, notwithstanding an old chemical	substance can crystallize without having previously been in a liquid state. crystallize without having previously been in a liquid state. Inasmuch as it is only from	The deposition of masses of mud containing clay and lime, and of other mechanical products, in which the marine organisms of the period became enveloped; the concentration and crystallization at certain places of the carbonate of lime, from
the clay was then removed; the bringing together, and crystallization of the silica and carbon, for the formation of rock-crystal and leafiets of anthracite in the nodules in which these minerals are found; all by pro cesses slowly operating at the usual temperature.	In the district of Christiania, fossils, with perfectly distinct outlines, are found in marble next the granite.* Here the mass of limestone evidently did not lose its solid condition during its conversion into marble.	generally, are effected by modes of	a very imperfect manner; and b. That the actions which took place were either caused, or, at least, greatly assisted by the contact of the limestone with the other rock of an entirely different description.
		,	

migration

disordered systems



"After Rock-consultant Collett's death (1834) I was appointed a consultant for the Ministry of Finance in Mining, which was not an unimportant position at this time. For this I first received a yearly salary in money, but later—when I forsook the salary—I received the order of Wasa [...]. In my first of these assignments I succeeded in persuading the leadership, Count Wedel Jarlsberg, and with him other members, to adopt the notion that only the State could run the silver-mines, as an exception from the usual principle that only private individuals can run such plants." (K. ... von ihm selbst)

This remained an important principle in the public management of national resources. How important was Keilhau to the development of public/national management of natural resources? Can economics become ecology without fieldwork as a central matter?

«Nach dem Tode des Bergraths Collett (1834) wurde ich der Consulent des Finanzdepartements in Bergwerksangelegenheiten, kein unwichtiger Posten zu jener Zeit. Hierfür bekam ich zuerst ein jährliches Honorar in Geld, später aber —als ich diesem entsagte—den Wasa-Orden [...]. In der ersteren dieser Commissionen vermochte ich den Vor-sitzenden Graf Wedel und mit ihm die übrigen Mitglieder, zu der Meinung überzugehen, dass nur der Staat das Silberwerk betreiben müsse, eine Ausnahme von der Maxime, dass nur Privatleute Unternehmer von solchen Anlagen sein sollten.»

taking a line for a walk... walking the line for a talk talking the walk... & walking the talk

theodor.barth@khio.no 07.01-24.03.21

KILDER

Abel, Niels Henrik. (1839). Œuvres complètes, Holmboe, B. (Red). Christiania. Grøndahl. **Barbut, Marc**. (1966). Barbut, Marc. Le sens du mot 'structure' en mathématiques [Eng. (1970) On the meaning of the word 'structure' in mathematics. In Michael Lane (Ed.), Introduction to structuralism. New York: Basic Books]. In Chantenay (red.), Les temps modernes, 22ème année, novembre, No. 246, pp. 791–814.

Barth, Fredrik. (1992). Toward a greater naturalism in conceptualizing societies. In Kuper, Adam (red.). *Conceptualizing society*. 17–33. New York: Routledge

Bjerke, Ernst.(2016). *In search of unity—ideals and practices of natural science in Early Nineteenth Century Norway.* Oslo. Stiftelsen Oslo katedralskole.

Didi-Huberman, Georges. (2008). La ressemblance par contact. Archéologie, anachronisme et modernité de l'empreinte. Paris. Minuit.

Goethe, Johann von. (2006/1810) Theory of Colours. Dover Publications.

Keilhau, Balthazar Mathias. (<u>1844</u>) On the mode of formation of crystalline limestone, contact-produkts, crystalline silicide-slates (...) In. *Edinburgh New Philosophical Journal*. (<u>1857</u>) *Prof. B.M. Keilhau's Biographie von ihm selbst*. Christiania. Johan Dahl's Buchhandlung **Klein, Felix**. (<u>1891</u>). *Considérations comparatives sur les recherches géométriques modernes* (Erlangen programmet). Paris. Annales scientifiques de l'ÉNS.

Krauss, Rosalind. (1979). Sculpture in the expanded field. In *October.* Vol. 8. Vår. Ss. 30-44. Lévi-Strauss, Claude. (1964-71). *Mytologiques*. Paris. Plon.

Parmann, Øistein. (1970). *Tegneskolen gjennom 150 år*. Nesodden. Statens Håndverks og Kunst-industri Skole.

Puig de la Bella Casa, Maria. (2017). *Matters of care. Speculative ethics in more than human worlds*. Minneapolis. University of Minnesota Press.

Næss, Arne. (2010) Det frie mennesket—Innføring in Spinozas Filosofi. Filosofi. Oslo. Kagge. Simondon, Gilbert. (2020/1967). Individuation in light of notions of form and information. Minneapolis. University of Minnesota Press.

Slagstad, Rune. (2018). Da fjellet ble dannet. Oslo. Dreyer.

Spinoza, B. de. (2012/1677). Ethica. Kindle Edition.

Wulf, Andrea. (2015). *The invention of nature: Alexander von Humboldt's new world.* Kindle Edition.





Statens Håndverks og kunstindustri skoleThe (SHKS) i egne lokaler. Adresse: Ullevålsvn. 5, kalt *Tegneskolen* blant gamle elever.

Begynnaropplæring i teikning – ein analyse av teiknemetodar. Artikkelen har begynnaropplæring i teikning som tema. Ved å studere fagstoff om teikneopplæring nytta ved norske grunnskuelerarutdanningar, utviklar dennyeksan her teilke teoretiske kategoriar som skildrar teiknemetodiske tilnærmingar. Kategoriane fornyfir med stette frå see- og skriveopplæringsfellet og omgrepa analytiske og syntetiske tilnærmingarf, samt kunnskapstoretiske og læringsteoretiske posisjonar. I tillege bliggarde for progrep toprogrep. Guade fålbin Tyler (1498) myt for å utligue det som kjem fram. Bidraget er meint å vere ein forsiktig start på å utvikle ei teikneteoretisk plattform til statte for dei institusjonane som utdannar favrarar for dei minste i skulen. Les mer på side 10.



24

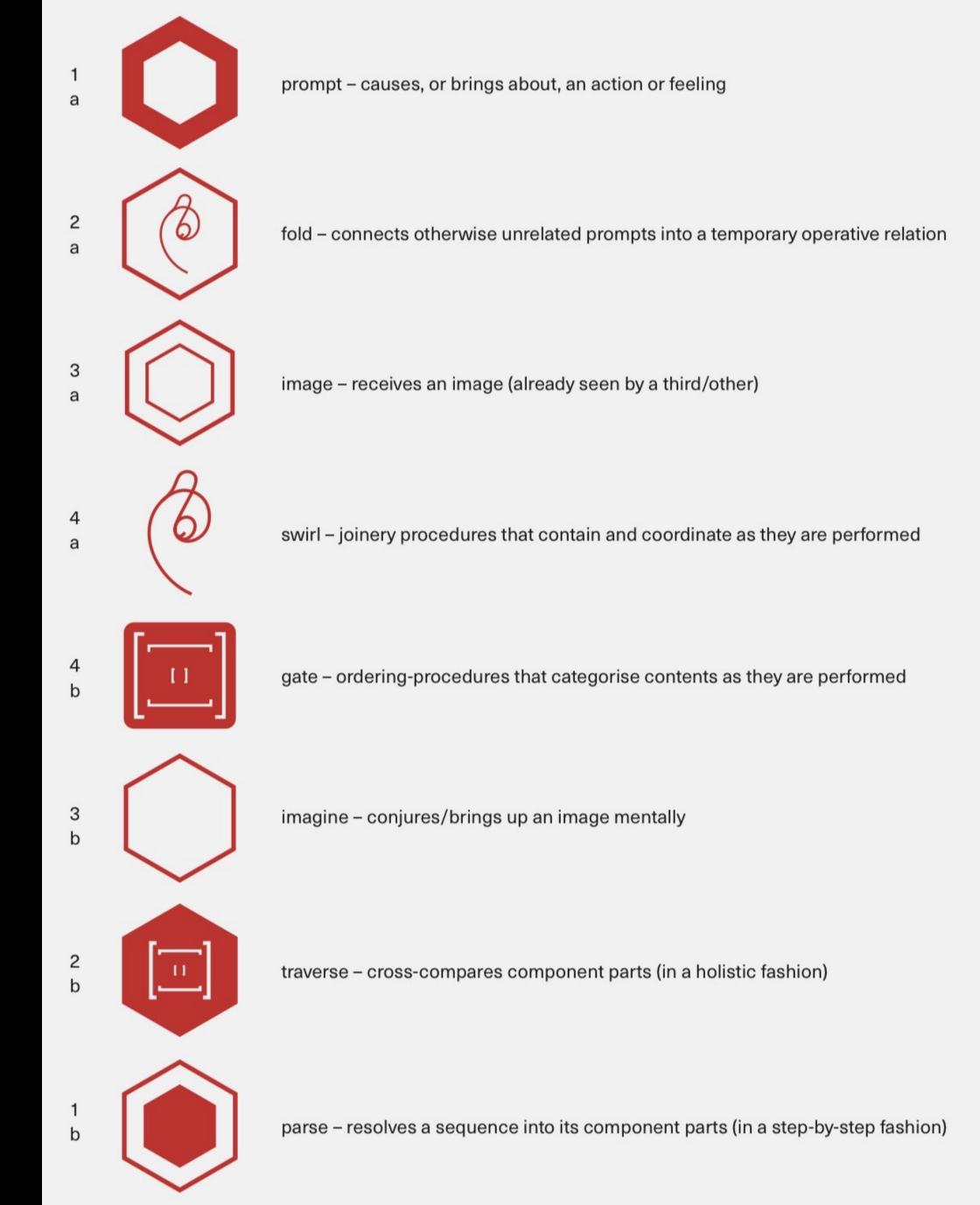


Figure 12. Semantic definitions of HEX-signatures – signage for way-finding in timescapes.

opplæring i teikning som tema. Ved å studere fagstoff om teikneopplæring nytta ved norske grunnskulelærarutdanningar, utviklar denne teksten tre ulike teoretiske kategoriar som skildrar teiknemetodiske tilnærmingar. Kategoriane er forma med støtte frå lese- og skriveopplæringsfeltet og omgrepa analytiske og syntetiske tilnærmingar, samt kunnskapsteoretiske og læringsteoretiske posisjonar. I tillegg blir omgrepet progresjonved Ralph Tyler (1948) nytta for å utdjupe det som kjem fram. Bidraget er meint å vere ein forsiktig start på å utvikle ei teikneteoretisk plattform til støtte for dei institusionane som utdannar lærarar for dei minste i skulen. *Les mer på side 10*. Når tilskueren tegner – Minnehandlinger og formidling av sensitive emner i det 21. århundre. Etter 2. verdenskrig har vitnebeskrivelser og fotografier dominert spredningen av kunnskap om holocaust. Bakgrunnen for artikkelen er utfordringer rundt formidling av disse hendelsene i vår tid. Innledningsvis poengteres viktigheten av å opprettholde formidling av holocaust. Teksten henter eksempler fra resepsjonsteori, og etterspør nye måter å fremme tilskuerens aktive engasjement. Den historiske bakgrunnen forklares. Gjennom en serie workshoper utprøves

observasjoner og tilbakemeldinger dis- Modelling as a Foundation for Creativity. The overall setting around this investigation is the writing of a PhD thesis 'To see the visually kuteres underveis. Artikkelen vil ta opp controlled' (Frisch, 2010), where my aim was to document, describe, analyse, compare and theorise formal (teacher-initiated) and informal utfordringer ved prosjektet og mulige (children-initiated) visually controlled drawings, also called modelling drawing processes, among 9-12-year-olds. The modernist narrative in fellkilder man kan støte på. Observasjoner art education presented by Wilson (2004) claims that modelling in drawing among children is uncreative. My investigation shows how creative av og tilbakemeldinger fra deltakerne i processes can be detected by using Vygotsky's creativity theory and Kaufmann and Beghetto's (2009) 4c creativity model within a sociocultural workshopene ser ut til å bekrefte at en theoretical tradition. The acts of creative processes done by moving modelled elements in a drawing around has not been thoroughly seen innpakket stein med et nummer fungerte as a central strategy in children's drawing processes. This article is an attempt to shed light on these processes often found when looking at forløsende for flertallet fra posisjonen som children's informal drawing processes. The importance of these 'shifting-around' processes are not always regarded as valuable and related passiv betrakter til aktiv, etterforskende to both modelling and creativity. The relation between modelling in drawing and creativity as part of children's drawing learning is explored in this article. Continue reading on page 15.

Begynnaropplæring i teikning – ein analyse av teiknemetodar. Artikkelen har begynnar-

Drawing as Performance - The Greenroom: A New Perspective on Empowerment through Education. The objective of the present Participation in Hybrid Sketching. In the age of article is to re-work and radically reframe a case study on drawing presented at the E&PDE conference, hosted by OsloMet in the digitalisation, the role of the sketch has taken new early autumn of 2017. The case study was experimental - involving a drawer, a furniture designer, an MA student (at the time) and an forms, but it still works as a mediator between people anthropologist. The present article ventures to draw certain learning outcomes from the experiment. These are presently relevant in who work to create something together. There is, the context of the heritage of a drawing school founded in 1818 and in the wake of the current activities in artistic research (AR) at however, a lack of knowledge about how the sketch the Oslo National Academy of the Arts (KHiO). The focus is on the educational aspects of 'doing research'. The article queries the can be used as a strategy to increase participation relation between drawing, writing and field research in the history of the school and currently in AR. Continue reading on page 44. and collaboration in creative processes. Participation

øke bevisstheten om den førspråklige dimensjonen reading on page 19. av det kroppslige nænæret i tegning? Dette under-

en fenomenologist Nnærming gjennom tegning for å minnes ofre av holocaust. Tre eksempler in workshopene viser ulike deltakeres tilnærming, samt mulige utfordringer, Resultater av workshopene

tegner. Les mer på side 38.

Hvordan øke bevisstheten om den førspråklige Experimental Psychology and Visual Artwork: Notes from the Laboratory. a case study with a participatory design approach dimensjonen av det kroppslige nærværet i tegning? This article explores ways in which modern experimental psychology can in a public art project for / health centre. The study I tillegg till dialogen som organismen fører med den provide information about aspects of the processes involved in the creation demonstrated how hybrid materialisations of a sketch ytre verden ved hjelp sansene, finnes det under of visual art. Many areas of resegrent in the fields of neuroscience and have value as a communicative medium. Essential tegneprosessen en uartikulert førspråklig kobling cognitive neuropsychology yield from that can be used to develop concepts emerged from collaborative learning in mot de stimuli, som kommer fra den «ikke synlige» techniques to benefit the production of art. Several phenomena are discussed fieldwork that created shared understanding based indre fornemmende kroppen. Forskningsspørsmålet to provide a comprehensive perspective on the psychological, behavioural on drawing experiments. The concepts contribute to a jeg har valgt å arbeide med i artikkelen er: Hvordan and physiological processes that influence the creation of artwork. Continue typology of hybrid sketches used as creativity skills in

søkes i dialog med Merlea. Ponty sin tenkning Striper – sett i lys av Schillers ideer om menneskets grunn-drifter i form. Striper blir Tegneundervisning og (poly)tekniske rundt kroppsfenomenologie berrida sitt syn på teg- i denne studien undersøkt gjennom Friedrich Schillers konsepter om menneskets tre idealer - europeisk utvikling i norske neren som blind, psykolog Stern sin tenkning om grunndrifter i form; formdrift, stoffdrift og lekedrift. Schillers teoretiske begreper brukes til forhold. Tegneskolen i Christiania ble vitalitetsaffekt. Likeledes inspirasjon fra forskere å fokusere på forskning om form i forhold til menneskets trang til, og ønske om, å forme. opprettet i 1818. I undervisningen stod som Petitmengin med sin mikrofenomenologiske Gjennom å vise konkrete eksempler av striger som er materialisert på ulike måter i kunst tegneopplæring sentralt. Fra oppstarten metode, Berger sin pedagogiske tenkning og studier og design blir striper utvidet som typologi med å vise eksempler på sammenbindende i 1818 var dette etter modell fra de euroav kroppens rolle i vitenskapelig forskning og ulike - striper, monomane striper, striper som tdsakser, striper og materialitet, trafikale striper, - peiske kunstakaderniene. Dette endret forfattere innen kroppskognisjonsteori som frem- markerende striper, merkevare-striper, flettede striper, romskapende striper, striper som seg mot slutten av 1800-tallet, i takt med hever betydningen av det førspråklige i tenkning. optiske illusjoner, organiske striper, hybride striper og likeverdige striper. Studien viser den teknologiske utviklingen i Europa som Forskningsspørsmålet vil også bli belyst ut fra min sammenheng fra estetisk praksis til mønsterdannelser i kvalitative forskningsmetoder. satte nye krav til tegnefaget. Idealene ble erfaring som kunstner og som tegnelærer på Institutt Studien viser hvordan Schillers begreper kan være relevante for å skape økt forståelse hentet fra École Polytechnique i Paris. Les for landskapstegning ved NMBU. Les mer på side 23. for verdien av estetiske undersøkelser. Les mer på side 29.

in various types of sketching was explored through

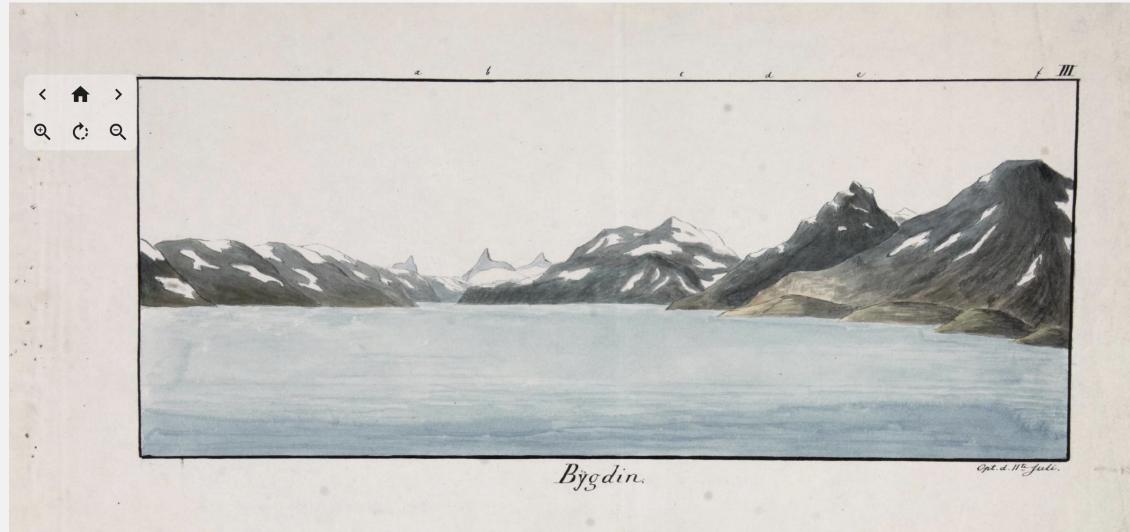
Nekkelord. Tegneundervisning, kunstakademi, École Polytechnique, geometrisk og deskriptiv tegning, tegnemetode, Kunst og håndverk, begynneropplæring, analytisk tilnærming, syntetisk tilnærming, fenomenologisk inngang, vertikale og horisontale forhold ved progresjon, lese- og skriveopplæring, læringsteori, collaborative learning, participatory design, artistic research, drawing in the expanded field, management of creative processes, modelling, creativity, drawing teaching, sociocultural, visually controlled, modernist narrative, kunstnerisk utviklingsarbeid, tegning, holocaust, deltakerbasert minnekultur, formidlingsmetoder, resepsjonsteori, paradoxical facilitation, cognitive psychology, system 1, system 2, verbal overshadowing, perceptual constancy, categorical, coordinate, TMS, førspråklig, kroppslig nærvær, kroppskognisjon, nonfokal/distribuert oppmerksomhet, distal og proksimal stimuli, dypsensibilitet, kroppskognisjon, levd og levende kropp, persepsjon, indre skjema og det kreative rommet, Schiller, kunstnerisk forskning, kreativitet, kvalitativ forskning, mønsterdannelse, drawing, writing, field research, process, reframing, case study, comparison, first science, third-party readability, non-philosophy.

MEREOLOGY 1—

the relation between part and whole is organised as follows: a) the landscape is fixed inside a drawn frame; b) recorded information is placed outside the frame.

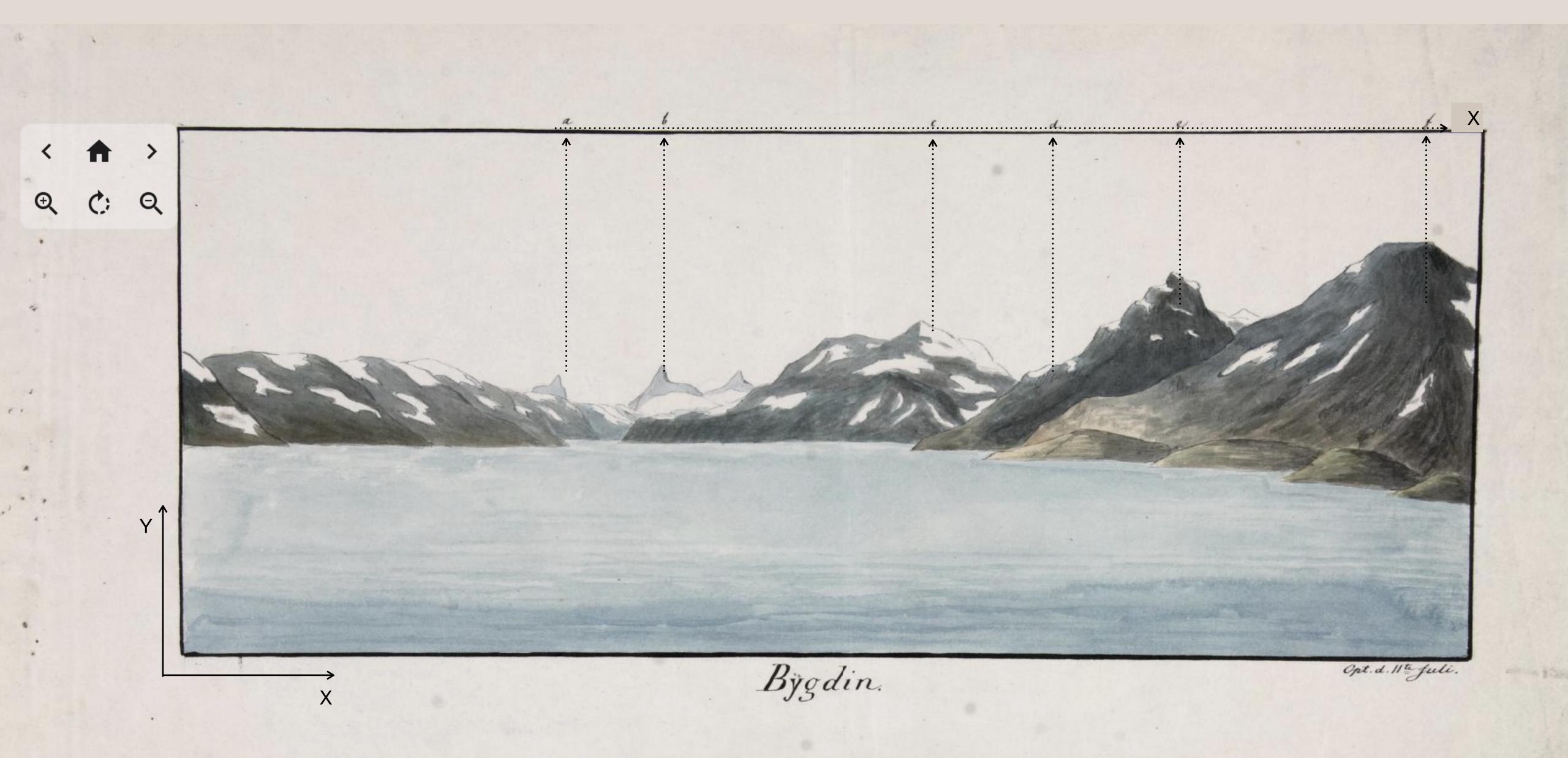
BASIC drawing type: value drawing











MEREOLOGY 2—(opposite)

the relation between whole and part is organised as follows: a) the landscape is frameless while worked on; b) recorded information is inside the drawing BASIC drawing type: contour drawing











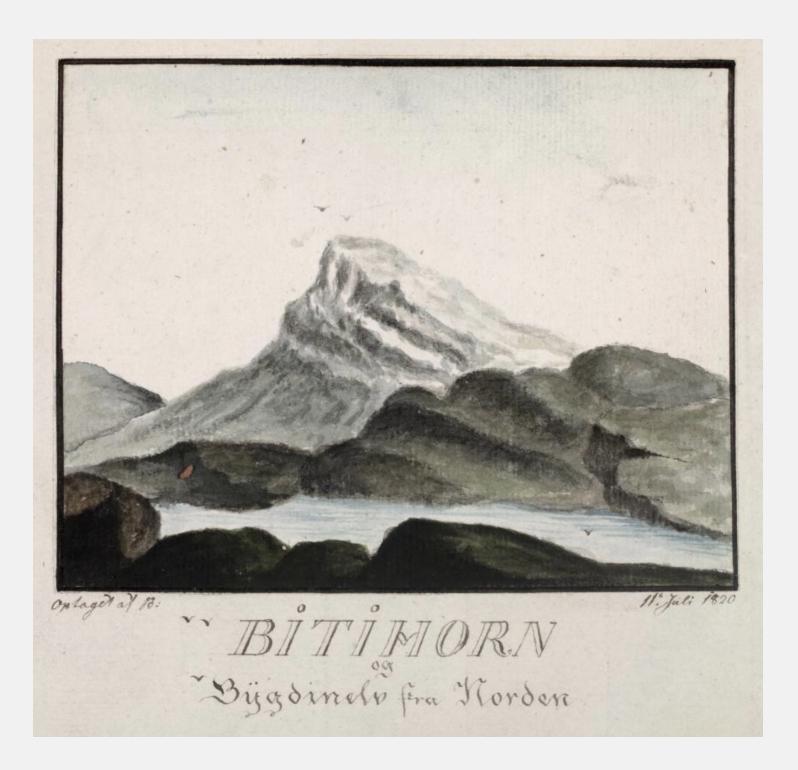
MEREOLOGY 3—(inversion of 1)

the relation between *part* and *whole* is organised as follows: **a)** the landscape is here exclusively reproduced in prints [the likes of which would be found in books]; **b)** the landscape indicate larger areas than the ones covered by K. and B. on their trip.

BASIC drawing type: views





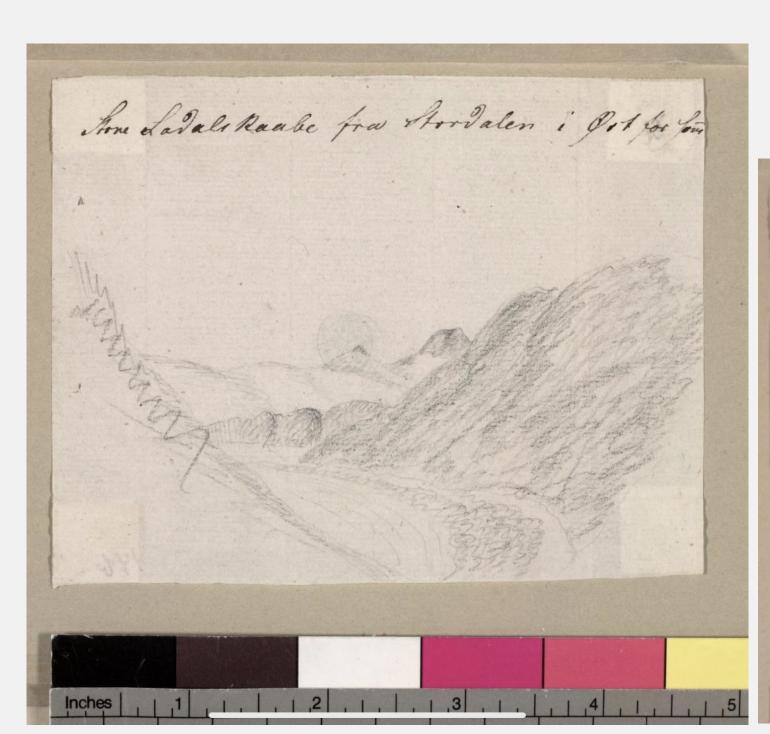




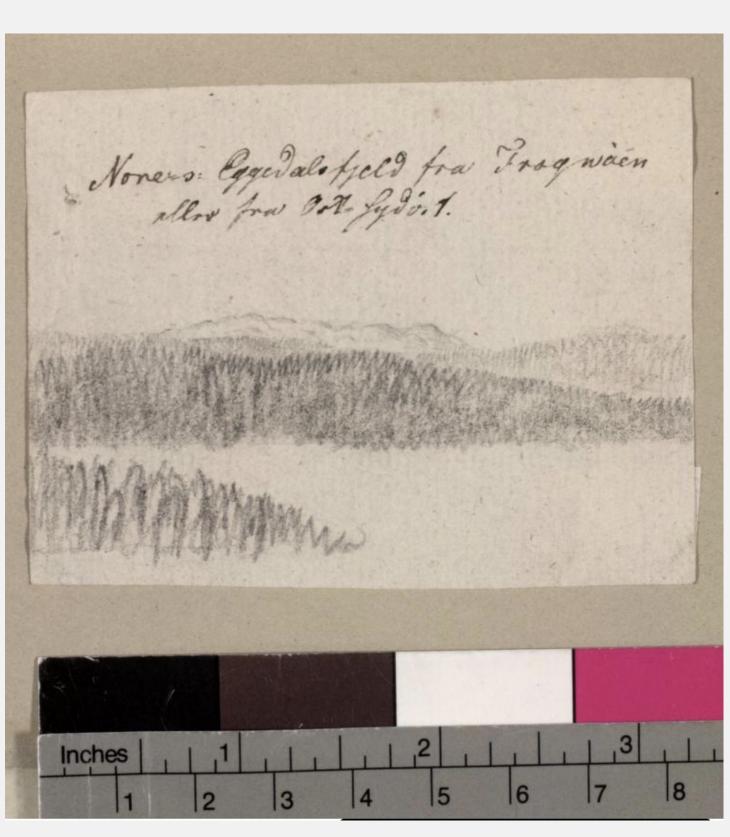
MEREOLOGY 4—(inversion of 2)

the relation between whole and part are organised as follows: **a)** the landscape is sketched quickly, maybe even standing and an almost physical record of a walk; **b)** the landscape are indications from a larger area than covered by K. and B. on their trip.

BASIC drawing type: quick sketch

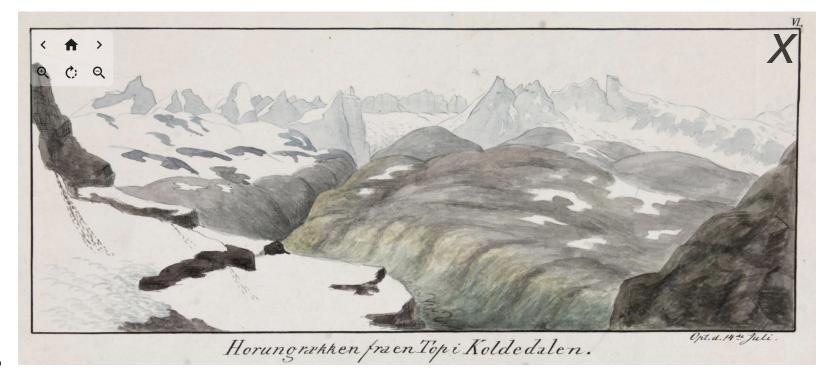












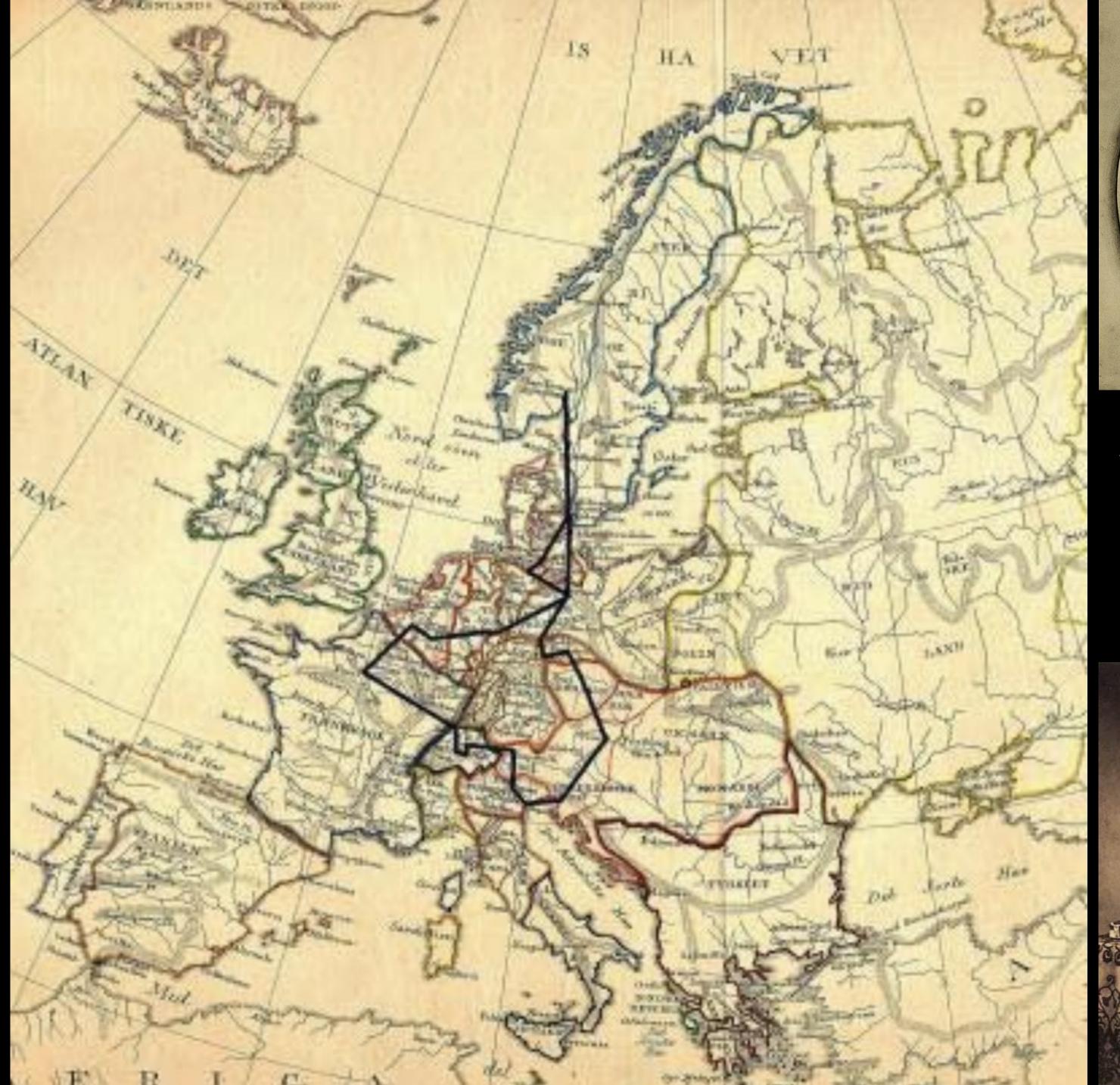


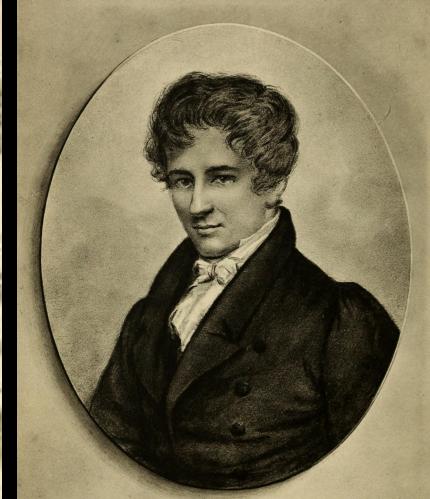
$$f(z, f(x, y)) = z + f(x, y)$$

Niels Henrik Abel

> Baltazar Mathias Keilhau

Christian Peder Bianco Boeck





Abel, Keilhau & Boecks reiser 1823 1826 Lektor 1834 Prof.

