

*a short history of unanticipated
photographic variations*

Steve Rood

Shadow Machine Project

May 2016

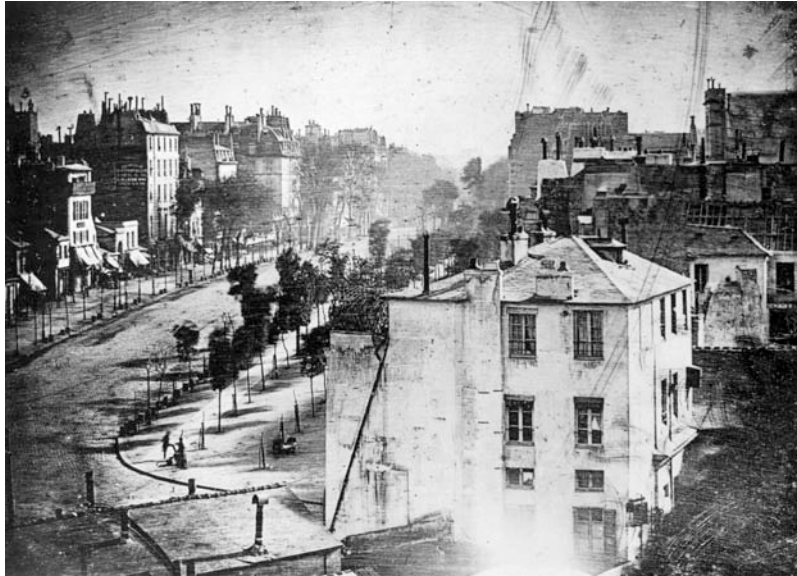
*Projects are photographic in nature
and in some way, disrupt the conventional
usage of the technology at the time.*

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Louis Daguerre

Boulevard du Temple



Boulevard du Temple, 1837.

Description:

The Boulevard du Temple was a haunt of Parisian lowlife in 1838 when this very early photograph was taken by Louis Daguerre, probably from the window of his apartment at 5 rue des Marais. The exposure of several minutes has blurred the traffic and the figures with the exception of the man having his boots polished.

Note :

One of the first photographic images to show a figure.

John Herschel

Inventor



Copernicus (lunar crater), 1842.

Description:

His Preliminary Discourse (1831), which advocated an inductive approach to scientific experiment and theory building, was an important contribution to the philosophy of science

Note :

Herschel coined the term photography in 1839

Anna Atkins

Cyanotype Impressions



Photographs of British Algae, 1843.

Description:

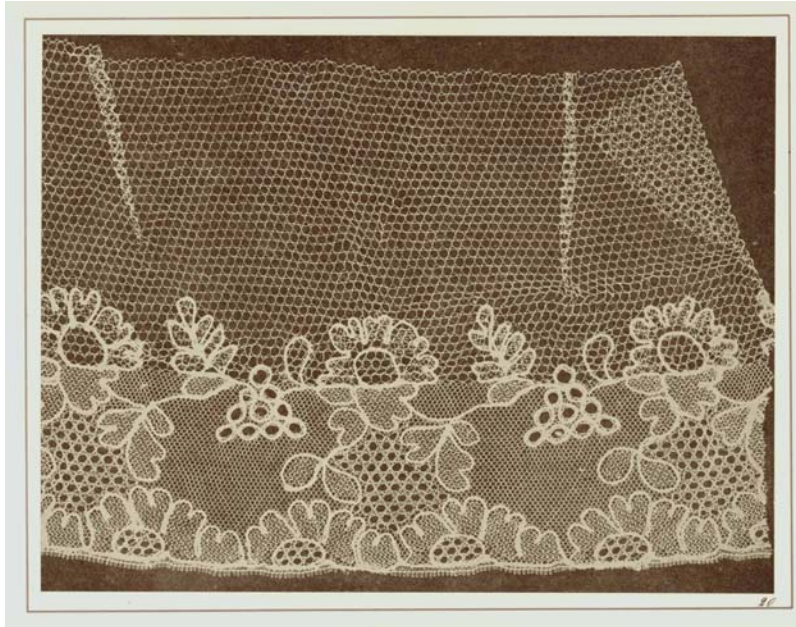
Cyanotype photograms that were contact printed "by placing the unmounted dried-algae original directly on the cyanotype paper."

Note :

Sir John Herschel, a friend of Atkins and Children, invented the cyanotype photographic process in 1842

William Henry Fox Talbot

The Pencil of Nature



Lace, Plate XX, *The Pencil of Nature*, 1844.

Description:

Lace, plate XX in *The Pencil of Nature*, is an example of a negative image. The lace was placed upon sensitized paper allowing an image to be “directly taken from the lace itself.” It is this “touching” that appeals and the intricate detailed patterning of the lace. Charles Babbage, the English philosopher and mathematician, believed that Talbot’s lacework photograms were “mathematics made visible.” Today we liken the patterns to the structure of cells & the pixelation of digital images.

Nadar

Aerial photography



"Nadar élevant la Photographie à la hauteur de l'Art" (Nadar elevating Photography to Art), published in Le Boulevard, May 25, 1862.

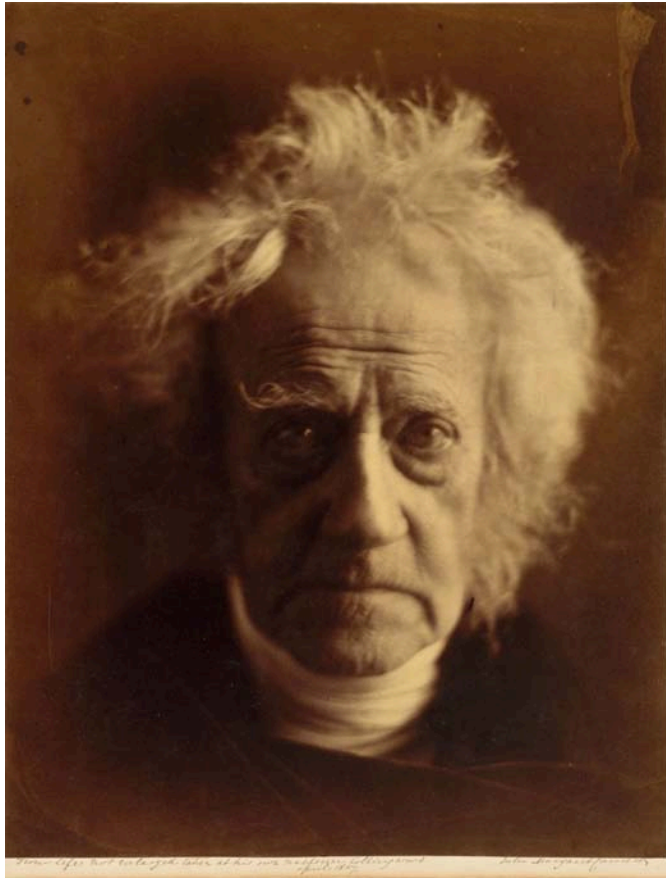
Description:

Aerial photography was first practiced by the French photographer and balloonist Gaspard-Félix Tournachon, known as "Nadar", in 1858 over Paris, France.

Note :

No images survive.

Julia Margaret Cameron



Sir-John-Herschel, 1867.

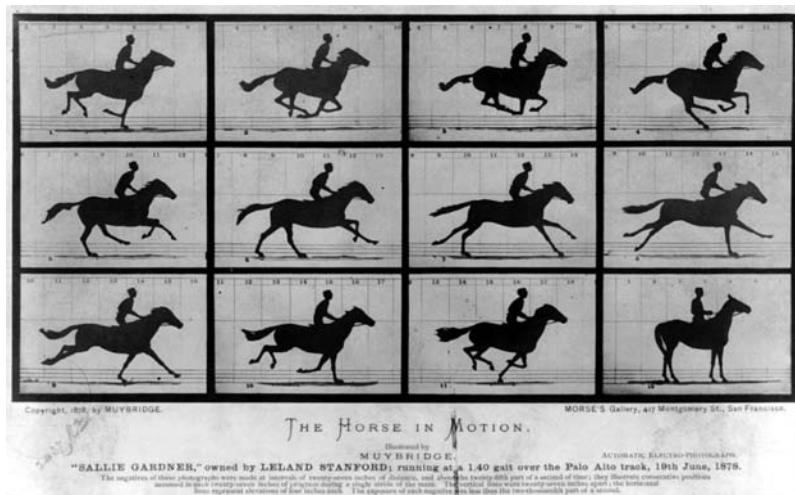
Description:

She purposely avoided the perfect resolution and minute detail that glass negatives permitted, opting instead for carefully directed light, soft focus, and long exposures (counted in minutes, when others did all they could to reduce exposure times to a matter of seconds).

Note :

Eadweard Muybridge

Animation



The Horse in Motion, 1878.

Description:

English photographer important for his pioneering work in photographic studies of motion, and early work in motion-picture projection.

- wiki

Note :

An aberrant vision-machine as well as a time-machine, and an irreducible archive in its own right, that holds revelations not only about Muybridge's work, but also into the origins of film, the future of digital culture, and the perception of urban and corporeal forms.

Stephen Barber

Muybridge: The Eye In Motion

2012

Etienne-Jules Marey

Cinematographe



Flying pelican, 1882.

Description:

Marey was a pioneer in establishing a variety of graphical techniques for the display and interpretation of quantitative data from physiological measurement.

- wiki

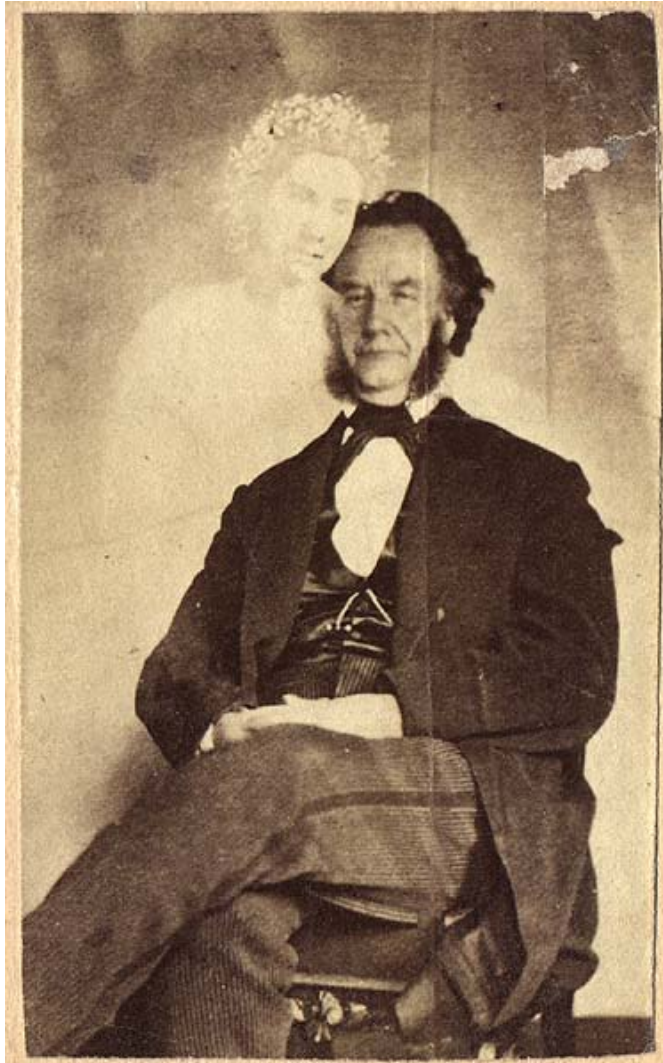
Note :

The advantages of the photographic method over the graphic method were also clear. Both methods were founded in the same principle - Marey's desire to transcribe the ephemeral world of invisible movement into a visible and permanent trace.

- Marta Braun, 1995.

William H. Mumler

Spirit photography



Moses A. Dow, Editor of Waverley Magazine, with the Spirit of Mabel Warren. 1871.

Description:

He is widely credited as the first "spirit photograph"—a photograph of a living subject featuring the likeness of a deceased person (often a relative) imprinted by the spirit of the deceased.

Note :

After being accused of various activities, he was taken to court for fraud, with noted showman P. T. Barnum testifying against him. Though found not guilty, his career was over, and he died in poverty.

Anton Bragaglia

Futurist Photodynamism



Change of Position, 1911.

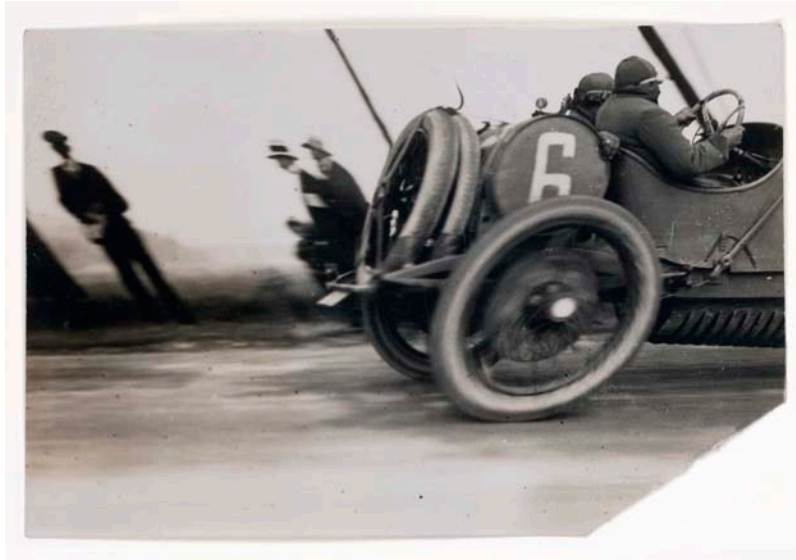
Description:

Attempted to reproduce the sensation of dynamism rather than to create a fixed moment - "that which exerts a fascination over our senses, the vertiginous lyrical expression of life, the lively invoker of the magnificent dynamic feeling with which the universe incessantly vibrates."

Note :

What interests me is movementism, which indeed might legitimately be termed Photo-movement-istics or Photocinematics were it not for my intention to insist on the inner dynamics of Photodynamism.

Jacques Henri Lartigue



Le Grand Prix A.C.F. 1913.

Description:

Jacques Henri Lartigue started taking photographs when he was seven. He photographed his friends and family at play – running and jumping; racing home-built race cars; making kites, gliders as well as aeroplanes; and climbing the Eiffel Tower.

Frank Gilbreth

Motion studies



Motion of worker, 1914.

Description:

Early advocate of scientific management and a pioneer of motion study,

Note :

Efficiency experts who contributed to the study of industrial engineering in fields such as motion study and human factors.

Hannah Höch

Photomontage



Cut with the Kitchen Knife through the Beer-Belly of the Weimar Republic, 1919.

Description:

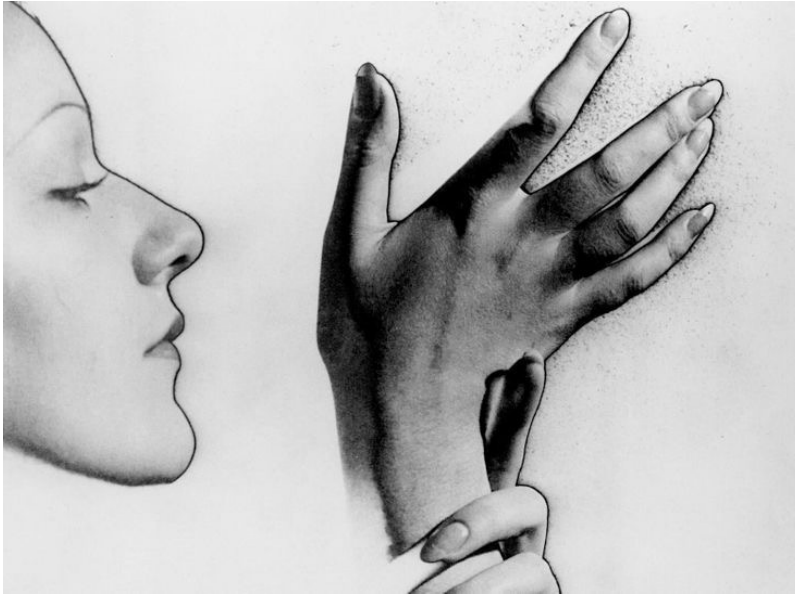
Photomontage is a type of collage in which the pasted items are actual photographs, or photographic reproductions pulled from the press and other widely produced media.

Note :

Höch's work existed to dismantle the fable and dichotomy that existed in the concept of the "New Woman": an energetic, professional and androgynous woman, who is ready to take their place as man's equal. Her interest in the topic was how the dichotomy was structured, as well as who structures social roles.

Man Ray / Lee Miller

Solarization



Lee Miller, 1930.

Description:

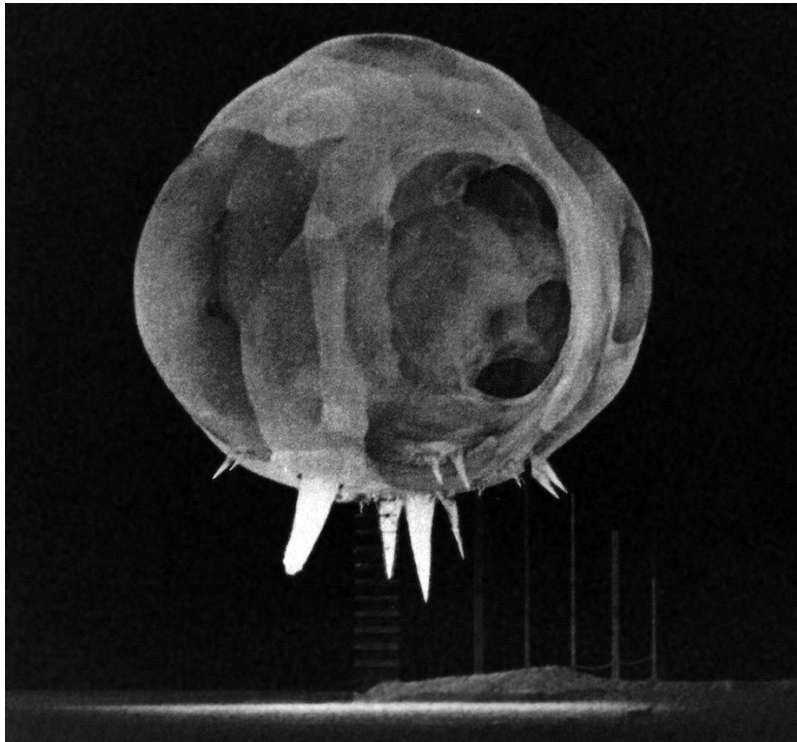
The effect was usually caused by accidentally exposing an exposed plate or film to light during developing. The artist Man Ray perfected the technique which was accidentally discovered in his darkroom by his assistant Lee Miller.

Note :

The term is synonymous with the Sabattier effect when referring to negatives.

Harold Edgerton

"the man who made time stand still"



Nuclear explosion captured by Edgerton's Rapatronic camera, 1947.

Description:

He is largely credited with transforming the stroboscope from an obscure laboratory instrument into a common device.

Note :

Also responsible for :

Shadowgraph of bullet in flight

Football Kick (1938)

Milk Drop Coronet (1957)

.30 Bullet Piercing an Apple (1964)

Cutting the Card Quickly (1964)

Garry Winogrand

Street Photography



New York, 1955.

Description:

A street photographer from the Bronx, New York, known for his portrayal of American life, and its social issues

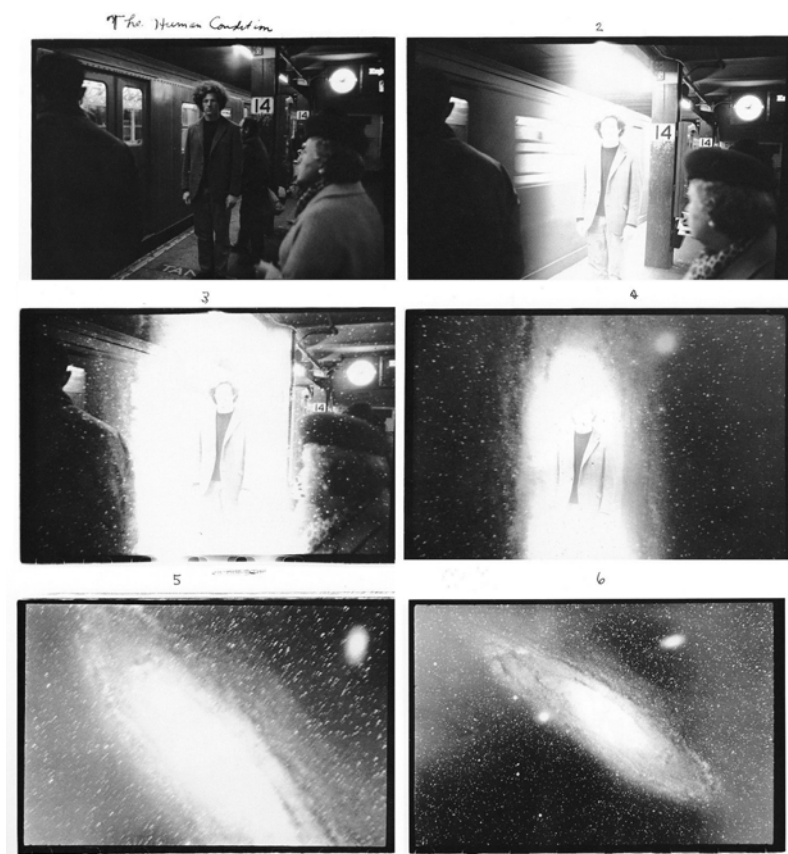
Note :

At the time of his death Winogrand's late work remained undeveloped, with about 2,500 rolls of undeveloped film, 6,500 rolls of developed but not proofed exposures, and about 3,000 rolls only realised as far as contact sheets being made.

Camera mobility made possible by 35mm technology.

Duane Michals

Metaphysics



'The Human Condition' 1969.

Description:

Michals's work makes innovative use of photo-sequences, often incorporating text to examine emotion and philosophy

Note :

Ted Serious



Ted Serious in action

Description:

A Chicago bellhop known for his production of "thoughtographs" on Polaroid film. He claimed these were produced using psychic powers. Serious' psychic claims were bolstered by the endorsement of a Denver-based psychiatrist, Jule Eisenbud (1908–1999), who wrote a book called *The World of Ted Serious*.

David Hockney

joiners

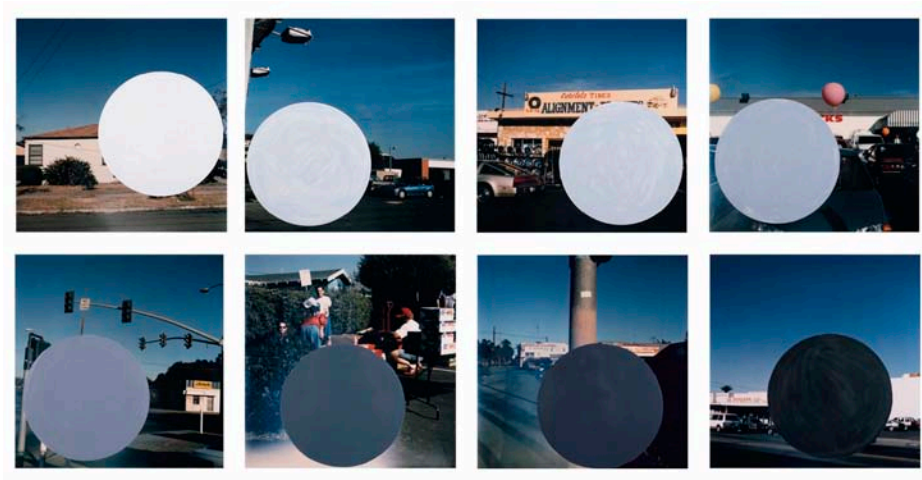


1980s

Description:

In the early 1980s, Hockney began to produce photo collages, which he called "joiners", first using Polaroid prints and subsequently 35mm, commercially processed colour prints. Using Polaroid snaps or photolab-prints of a single subject, Hockney arranged a patchwork to make a composite image

John Baldessari



National City (w, 1, 2, 3, 4, 5, 6, B), 1996-2009

Description:

He has created thousands of works that demonstrate—and, in many cases, combine—the narrative potential of images and the associative power of language within the boundaries of the work of art.

Cross processing



Description:

Cross processing (sometimes abbreviated to Xpro) is the deliberate processing of photographic film in a chemical solution intended for a different type of film.

Lomography



Description:

The Lomographic Society International was founded in 1992 by a group of Viennese students after they discovered the LCA, a camera created by LOMO PLC of Saint Petersburg, Russia.

Note :

1. Take your camera everywhere you go.
2. Use it anytime, day and night.
3. Lomography is not an interference in your life, but part of it.
4. Try the shot from the hip.
5. Approach the objects of your lomographic desire as closely as possible.
6. Don't think.
7. Be fast.
8. You don't have to know beforehand what you captured on film.
9. Afterwards, either.
10. Don't worry about any rules.

Joan Fontcuberta

‘stranger than fiction’



Constellations, 1993.

Description:

In this series, "the images of the cosmos are strewn with a fine stardust", but "what they actually record is dust, crushed insects and other debris that accumulated on the windshield of Mr. Fontcuberta's car." [23] The photographs were created "by applying sheets of 8-by-10-inch film directly to the glass and shining a light through, creating photograms, which were then made into Cibachrome prints."

Thomas Demand



Büro (Office) 1996 .

Description:

Thomas Demand is known for making photographs of three-dimensional models that look like real images of rooms and other spaces,[2] often sites loaded with social and political meanings

Adam Fuss



Untitled, 1998

Description:

Fuss has embraced a range of historical and contemporary photographic techniques to capture a broad set of emotion-laden subject matter. Art critics often describe the artist's work as speaking to the ephemerality of a moment in time and life itself.

Susan Derges



Shoreline 5 October 1998

Description:

Camera-less photographic processes, most often working with natural landscapes.

Andreas Gursky



Rhein II, 1999.

Description:

Extraneous details such as dog-walkers and a factory building were removed by the artist using digital editing. Justifying this manipulation of the image, Gursky said "Paradoxically, this view of the Rhine cannot be obtained in situ, a fictitious construction was required to provide an accurate image of a modern river.

Wolfgang Tillmans



Freischwimmer, 2003

Description:

a combination of true darkroom mistakes and years of darkroom experimentation that they inspired. The Silver works, which Tillmans has been creating since 1998, reflect the reaction of the photographic paper to light, as well as mechanical and chemical processes. The name Silver arises from the dirt traces and silver salt stains that remain on the paper when the artist develops the photographs in a machine that is filled with water and has not been completely cleaned.

Thomas Ruff



Jpeg NY, 2007.

Description:

Monumental Jpegs series in which he explores the distribution and reception of images in the digital age.

Walead Beshty



Six-Sided Picture, 2008.

Description:

In 2005, Beshty began production of his first photogram works based on a possible yet undocumented series of work by Lázló Moholy-Nagy.

Recalling a conversation with Moholy-Nagy's grandson, Beshty describes the hypothesized Moholy-Nagy photograms as "a series of works using nothing more than crumpled photographic paper ...

The works were logically deduced to have most likely been made in 1921," yet no record of such a series existed at the time. Through

this conversation, a title was also hypothesized for the works, "Abstraction Made by My Hand with the Assistance of Light."

Beshty's photograms, individually titled "Picture Made by My Hand with the Assistance of Light," were made by exposing crumpled black and white photographic paper to light.

Maurizio Anzeri

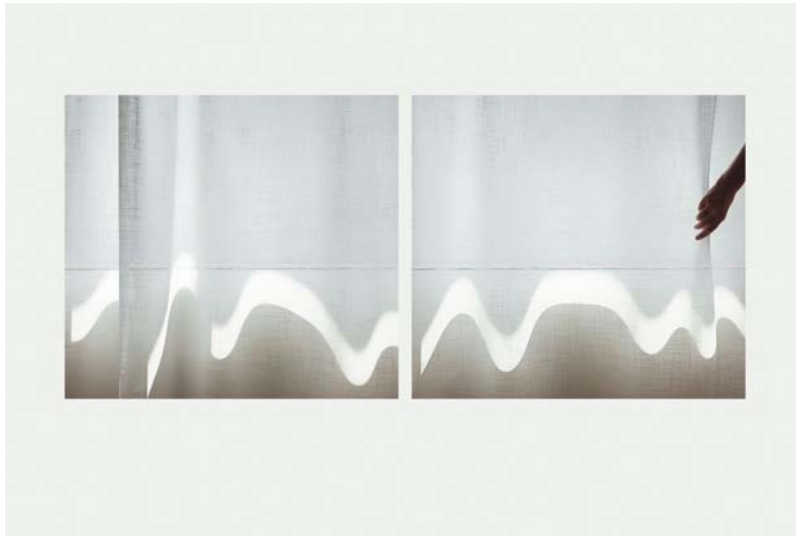


Angelo, 2011.

Description:

His portraits maintain the quality of a photograph but then start to become three-dimensional something that prompted him to invent the term: "photo-sculpture". It is this three-dimensional element, achieved through embroidery and the form of intervention it brings that transforms the portraits into photo-sculptures.

Uta Barth



Untitled (2012.A), 2012

Description:

We asked Uta Barth, an artist that has focused on what we experience in the periphery, moments that pass without particular attention, to comment on the role of rhythm in her photographs. Her work, and how she presents the photographs, reference the subtle unperceived rhythms that live in the subconscious.

Note :

"I am interested in the conventions of picture-making, in the desire to picture the world and in our relationship, our continual love for and fascination with pictures."

Pablo Garcia



Profilograph (After Muybridge): 2013

description:

Rendering of Muybridge Plate 624 fully extruded through all twelve frames

Caught in between two paradigms, I found myself nurturing two separate impulses: deep historical research into old, forgotten technologies and inquiry into new and future media

notes:

To capture the action, Muybridge used twelve still cameras at regular intervals to capture one cycle of a horse's gallop. By cinema standards, this is quite sparse. There is a lot of data missing between each frame in comparison to the 30 frames per second of contemporary video.

Chris McCaw

Sunburn



Heliograph #11, 2012.

description:

In this process the sun burns its path onto the light sensitive negative. After hours of exposure, the sky, as a result of the extremely intense light exposure, reacts in an effect called solarization- a natural reversal of tonality through over exposure. The resulting negative literally has a burnt hole in it with the landscape in complete reversal. The subject of the photograph (the sun) has transcended the idea that a photograph is simple a representation of reality, and has physically come through the lens and put it's hand onto the final piece. This is a process of creation and destruction, all happening within the the camera.

Richard Prince



@richardprince1234, 2014.

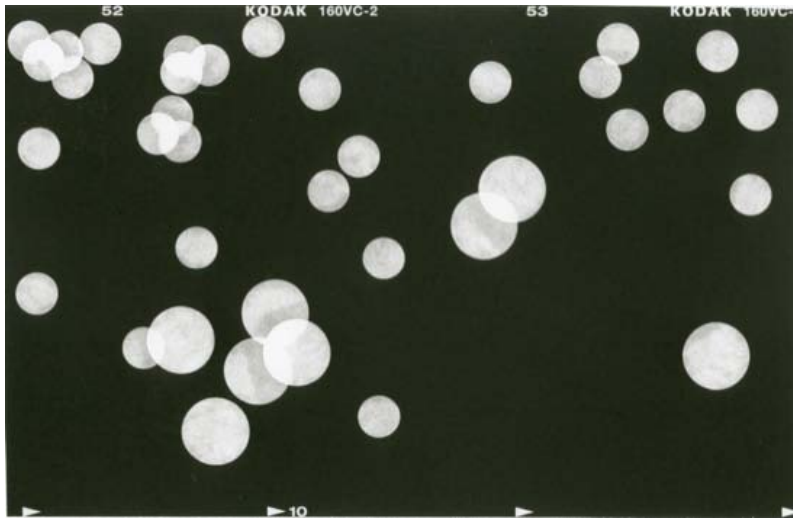
Description:

This is because Prince's New Portraits series comprises entirely of the Instagram photos of others. The only element of alteration comes in the form of bizarre, esoteric, lewd, emoji-annotated comments made beneath the pictures by Prince.

Note :

Re-photography uses appropriation as its own focus: artists pull from the works of others and the worlds they depict to create their own work.

Aliki Braine

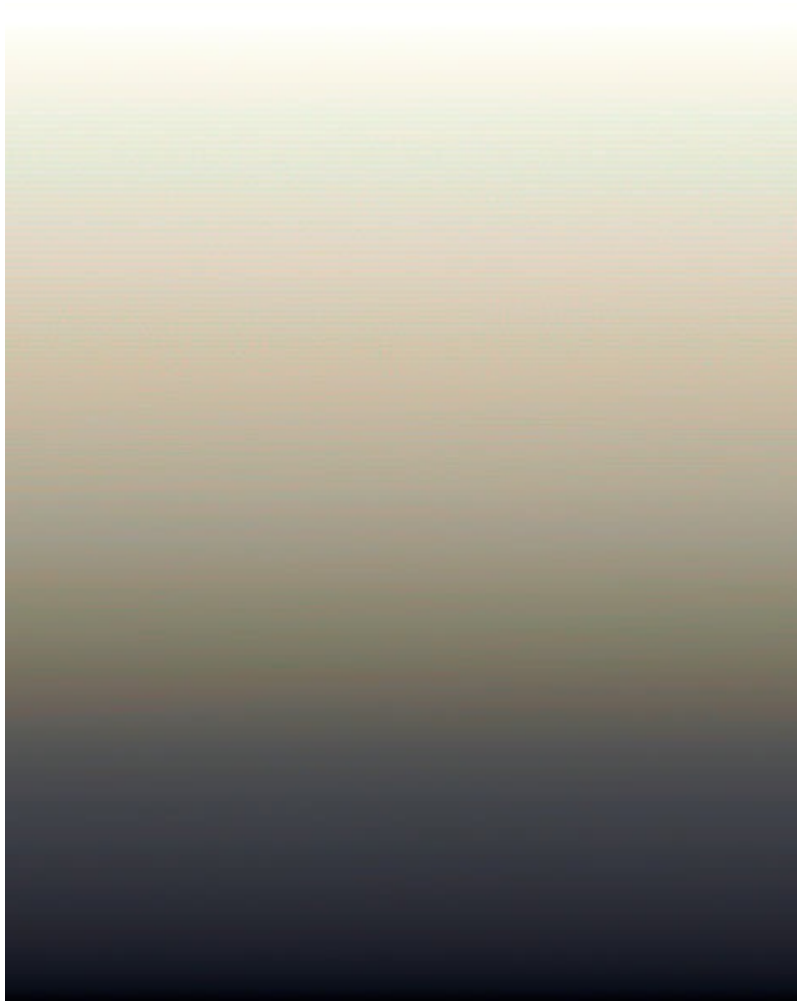


Field, 2013.

Description:

Braine's primary impulse is in exploring how a photograph can be transformed into an object. Often cutting, drawing with ink, punching holes or overlaying the negatives with adhesive labels, she violates the pristine surface of the photograph forcing the viewer to look towards the texture of the photographic paper and opens up a new understanding of the photographic process and image making.

Andre Pinkowski



*Singer Liz McClarnon opening the New Look Shop in Liverpool, UK.
2009.*

Description:

All images were acquired in one day from a leading celebrity picture agency selected from their 'most recent images' section featuring celebrities such as Oprah Winfrey and Paris Hilton.

The photographs have been digitally analysed using a specially commissioned algorithm. This software, written by Dr. Sophie Triantaphillidou at the University of Westminster, reorganises each image based on the existing colour values.

Bindi Vora

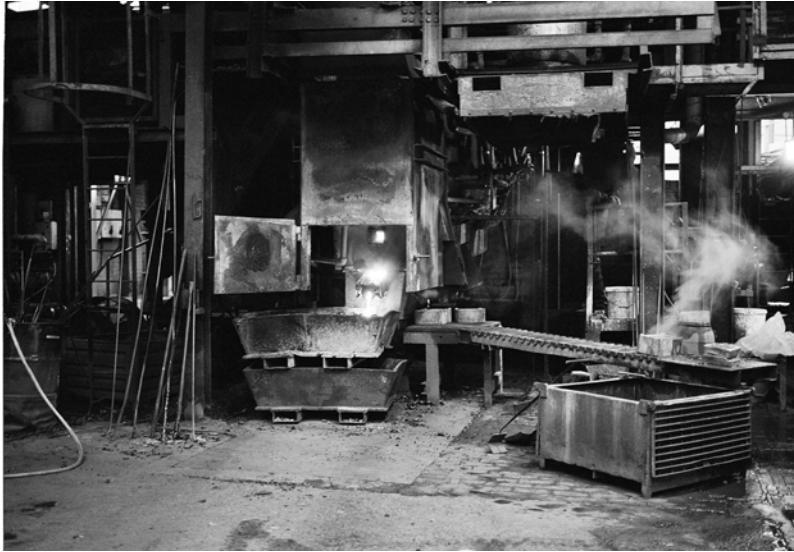


In the blue light we failed. 2014.

Description:

These collected images are transformed into a book and piece together the errors that have occurred unexpectedly when the camera failed to record, and process irreversibly left it's mark upon the surface of an ima

Jack Hiron



Silver Loop – B&W 16mm Film, Looped, 2014.

Description:

The looped film presents the closed narrative of a 1000 troy-ounce silver bar being processed into photographic film, to silver being recovered from photographic film and returned to a 1000 troy-ounce bar.

Steve Rood

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