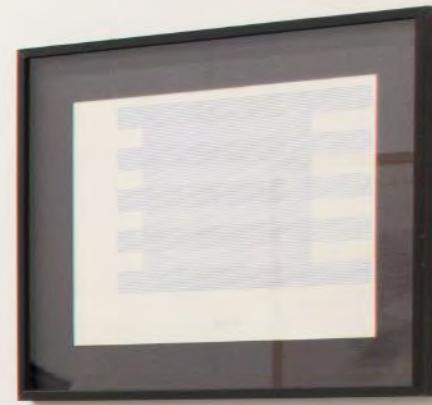


KAMMERER-LUKA
LE GROUPE DE BELFORT

COMPUTER DRAWINGS FROM THE 1970S

RCM GALERIE



In 1971, the artist Gerhard F Kammerer, who works under the name Kammerer-Luka, met the computer scientist Jean-Baptiste Kempf. The former, born in Germany but living in Belfort, France, had been pushing the limits of his programmatic art, born from the principles of the Bauhaus, but felt that he could explore new territory if given the chance.

He knew the machine could afford him new artistic vistas. The two men felt an instant affinity and founded the Groupe Art & Ordinateur de Belfort, with the intent of using their calculations not only to explore artistic territory but to implement the tools that touched on social involvement and architecture.

Kempf, born in January 1941 in Belfort, was teaching the FORTRAN programming language at the university and Kammerer was a linguistics specialist.

Language was the bedrock of their work. In 1973, they applied their principles to the underground pedestrian passage at the Belfort train station, using colored tiles in a double Fibonacci sequence. Other architectural projects followed, as well as a multitude of studio artistic creations.

They two were soon exhibiting among the small group of pioneers in digital/ computer art in France and abroad. They even participated in the first exhibition of digital art at the Centre Pompidou in 1978.

By the mid 1970s, Kempf was hired to head the computer research department at a electric company in Clamart and then to head the computer department of the electricity company in Lyon, France.

Kammerer always had provided the artistic impetus and direction for the duo, with Kempf doing the programming.

Between 1977 and 1979, Kammerer came to Paris where he worked in the ARTA workshop at the Centre Pompidou, created by Christian Cavadia in 1975 to give artists (and members of the broader public) the opportunity to use computers for creative work.

One of the main draws was ARTA's sophisticated plotter drawing table.

Besides himself, many artists, such as Vera Molnar, availed themselves the opportunity to work in Cavadia's studio at the museum.

ARTA's impact on the creative digital community remains to be researched with any serious scholarship. ARTA closed in 1983 due to political bickering at the Centre Pompidou.

Many of the drawings Kammerer made during this period show musical motifs in the form of lines almost traced like staves on the paper in varying sequences. Other motifs resemble alphabets and ancient hieroglyphs.

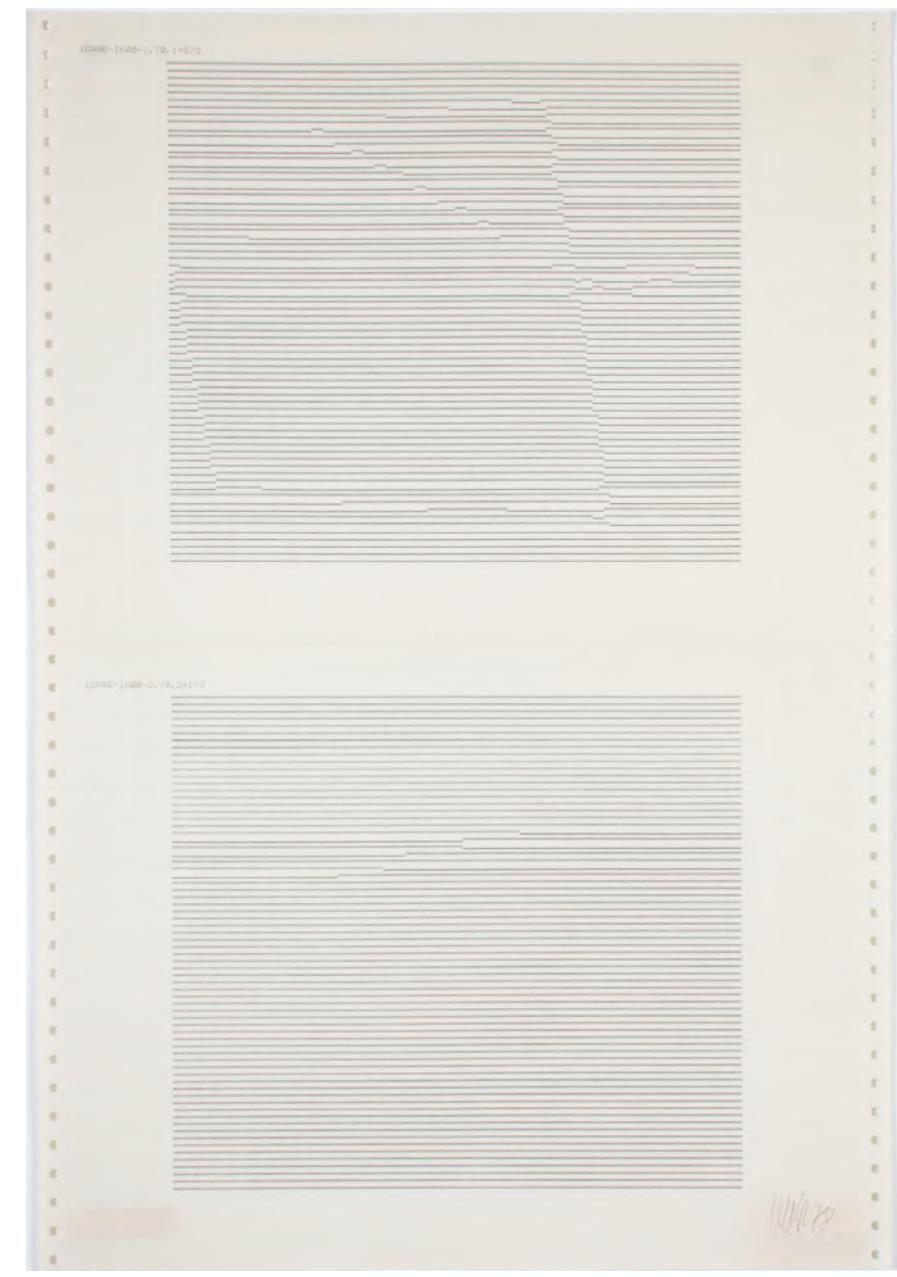
Kammerer had long been interested in the ancient-contemporary crossover. His Daedalus, Orpheus and Ikarus works made references to mythology. Daedalus and Ikarus, for instance, embraced a programming error with a pyramid labyrinth. On one side is light shape and on the other a heavy one. "The Daedalus and Ikarus theme represents the two-fold sense of computer-generated art: the most complex technology in the service of spiritual flight" said Kammerer-Luka. The random distribution of basic elements was essential to Kammerer-Luka. The programs used specified a reduced repertoire of shapes and a pattern composition from which a large number of possibilities may be born. This dialectic between systems and chance were expressed in many forms. For example, in the random disorganization of Lissajous figure with the dot as a primal element.

"Working with the computer means that I am primarily interested in the quantitative and qualitative potentiality of creative possibilities through the systematic evaluation of artistic ideas," said the artist.



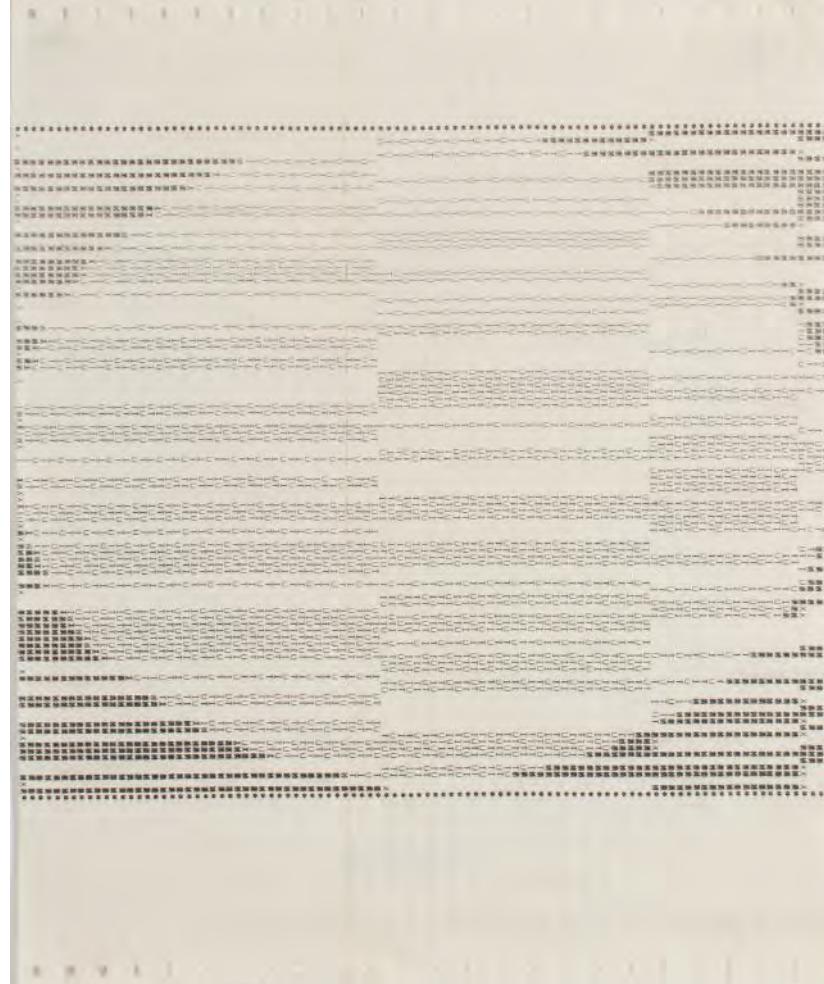
Above: Underground pedestrian passage based on a double Fibonacci sequence

Kammerer-Luka's Ikarus and Daedalus prints show "complex technology in the service of spiritual flight."





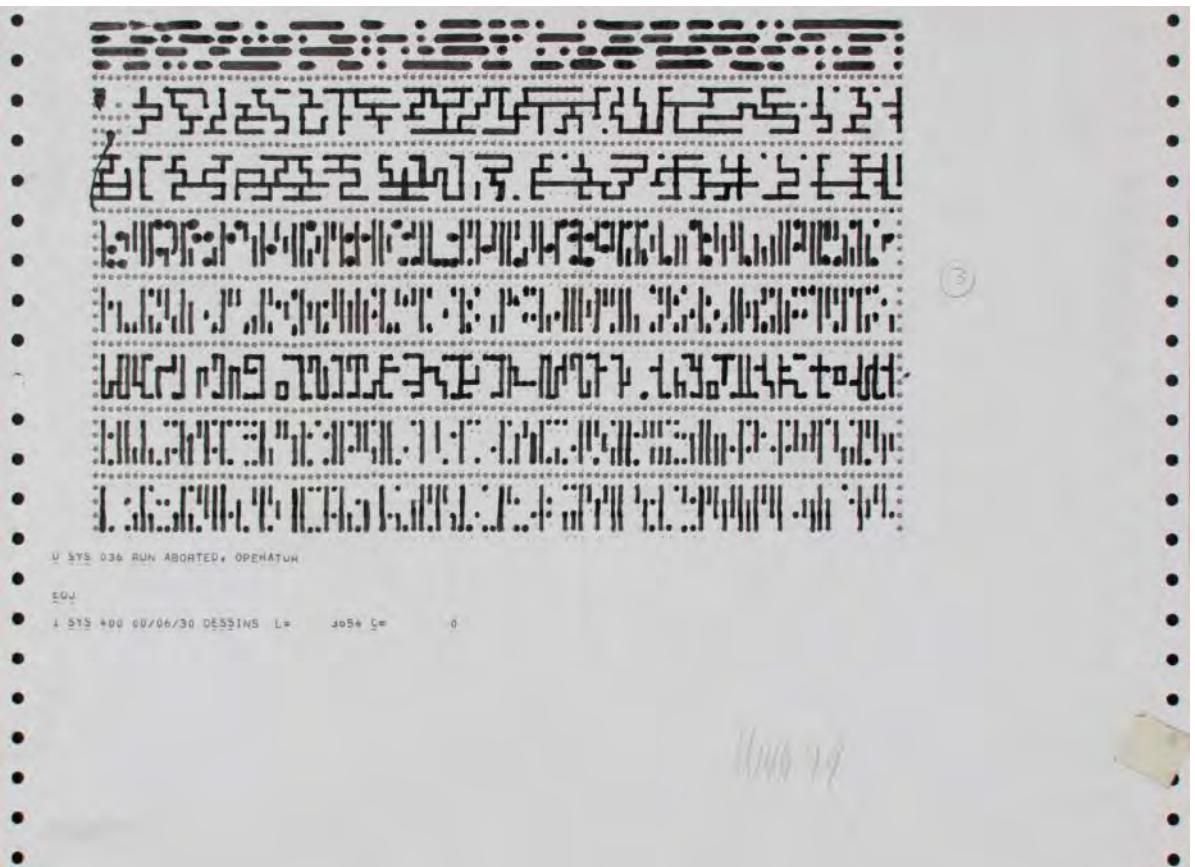
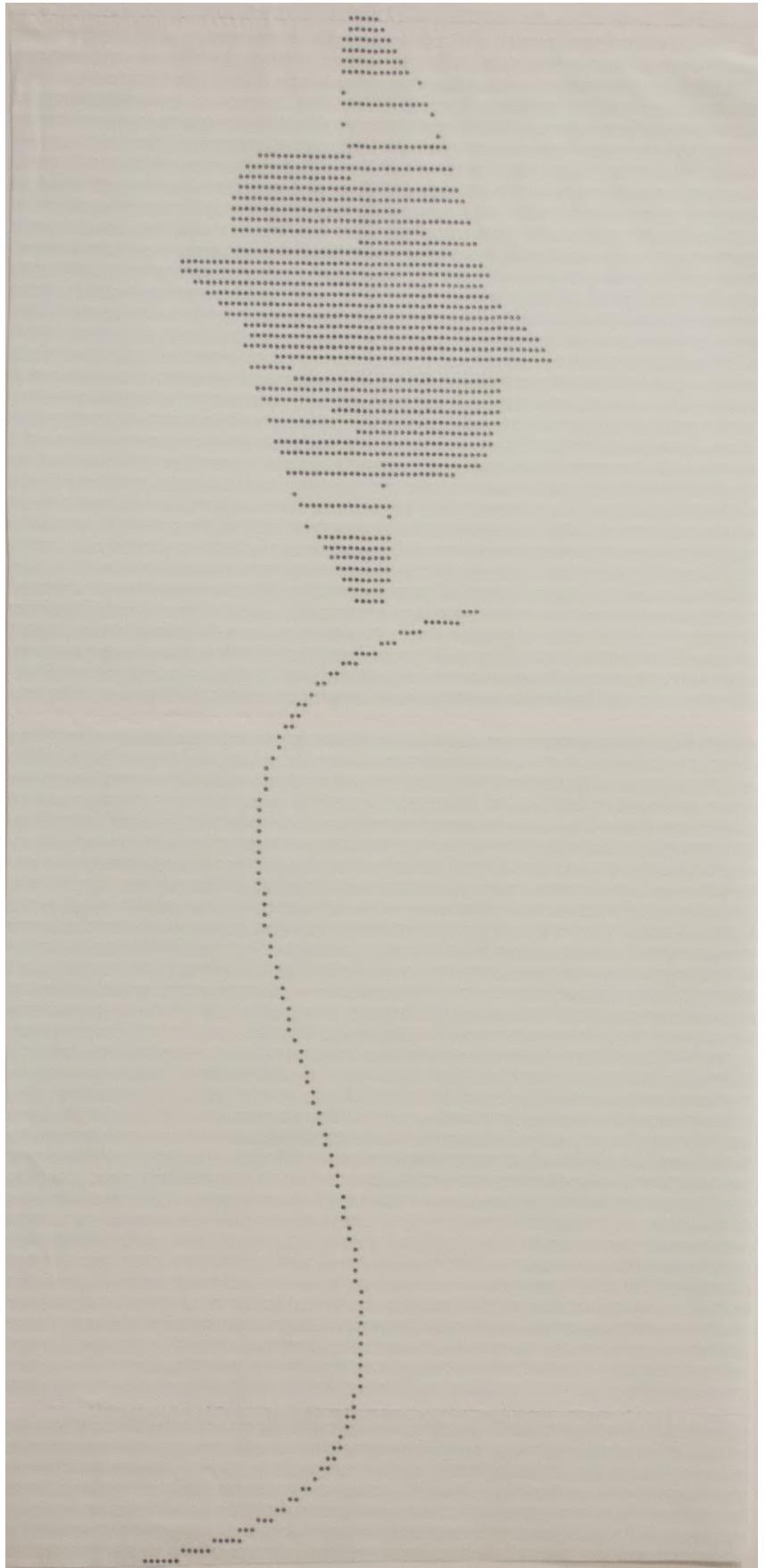
Untitled, 1978
computer generated sculpture
stainless steel
unique
100 x 100 x 100 cm/ 39.5 x 39.5 x 39.5 in/



Untitled, 1972
computer printer drawing in ink on paper
38 x 31.5 cm / 15 x 12.5 in
signed and dated on verso
unique



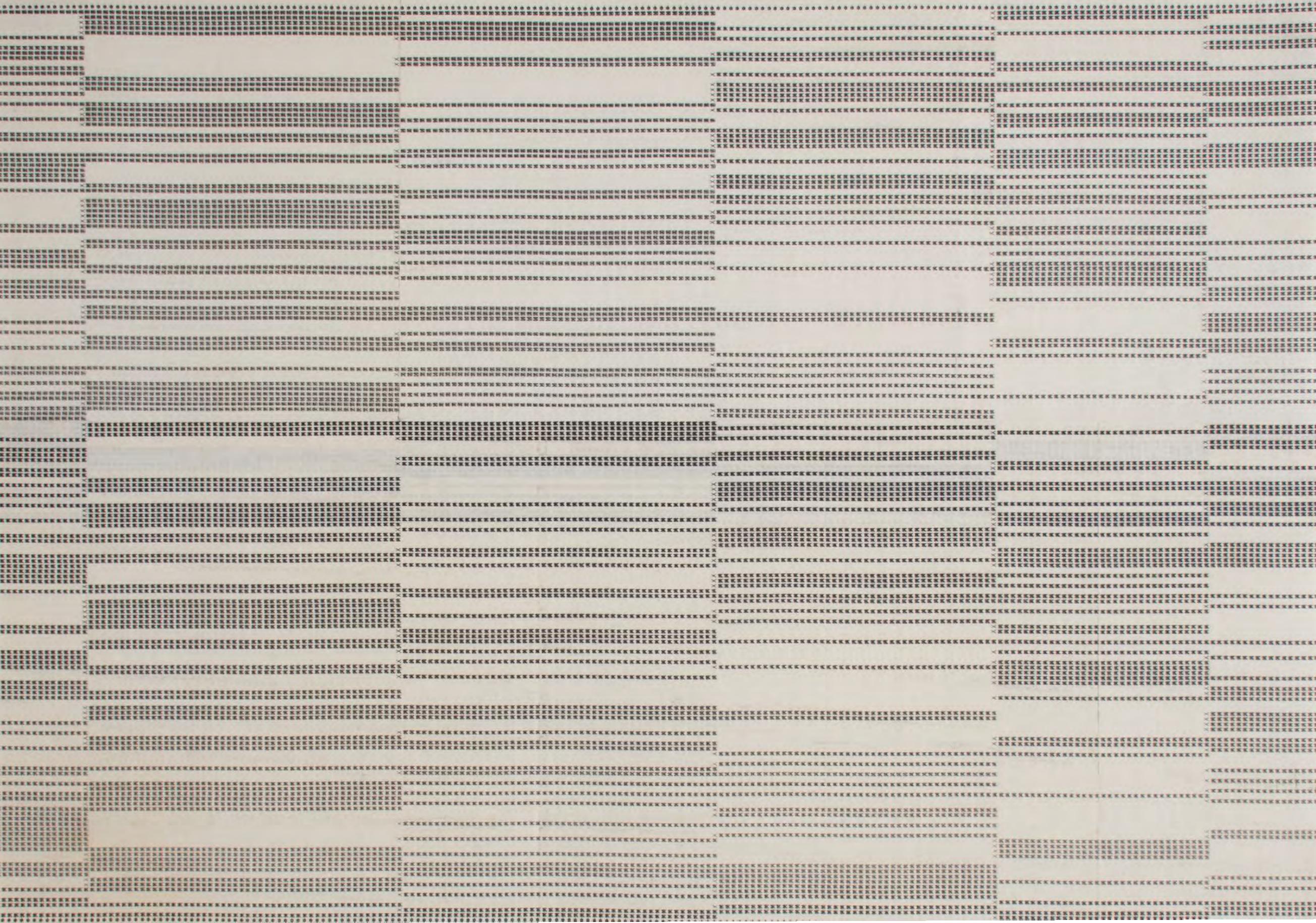
Points-Surface, 1975
Computer printer drawing on paper
with collage of colored paper overlay mounted on cardboard
120 x 30 cm / 47 x 12 in
signed dated and titled on verso
unique

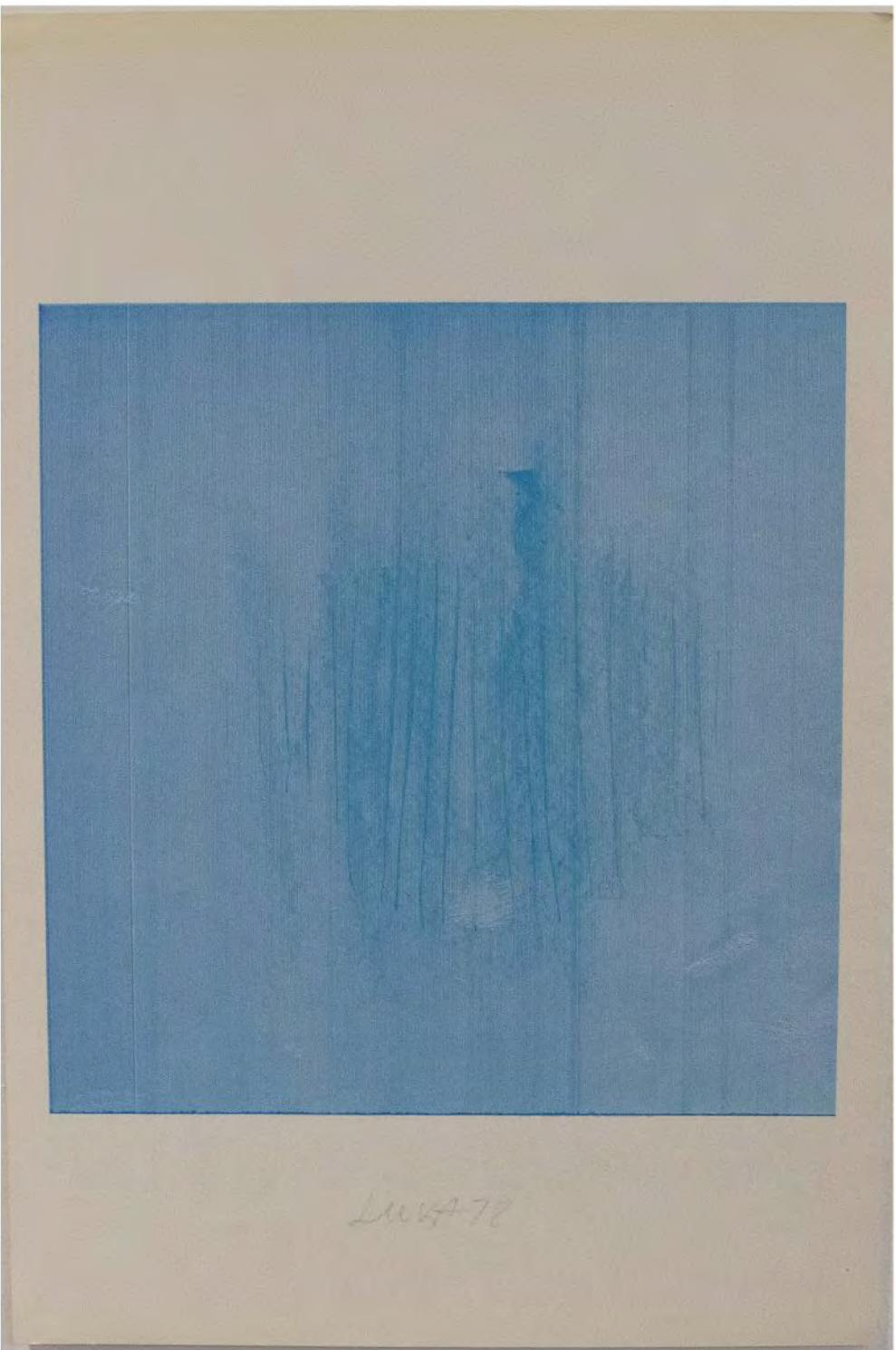


right: untitled, 1976
computer printer drawing in ink on paper
62 x 30 cm / 25.5 x 11.8 in
signed "LUKA KEMPF" and dated
unique

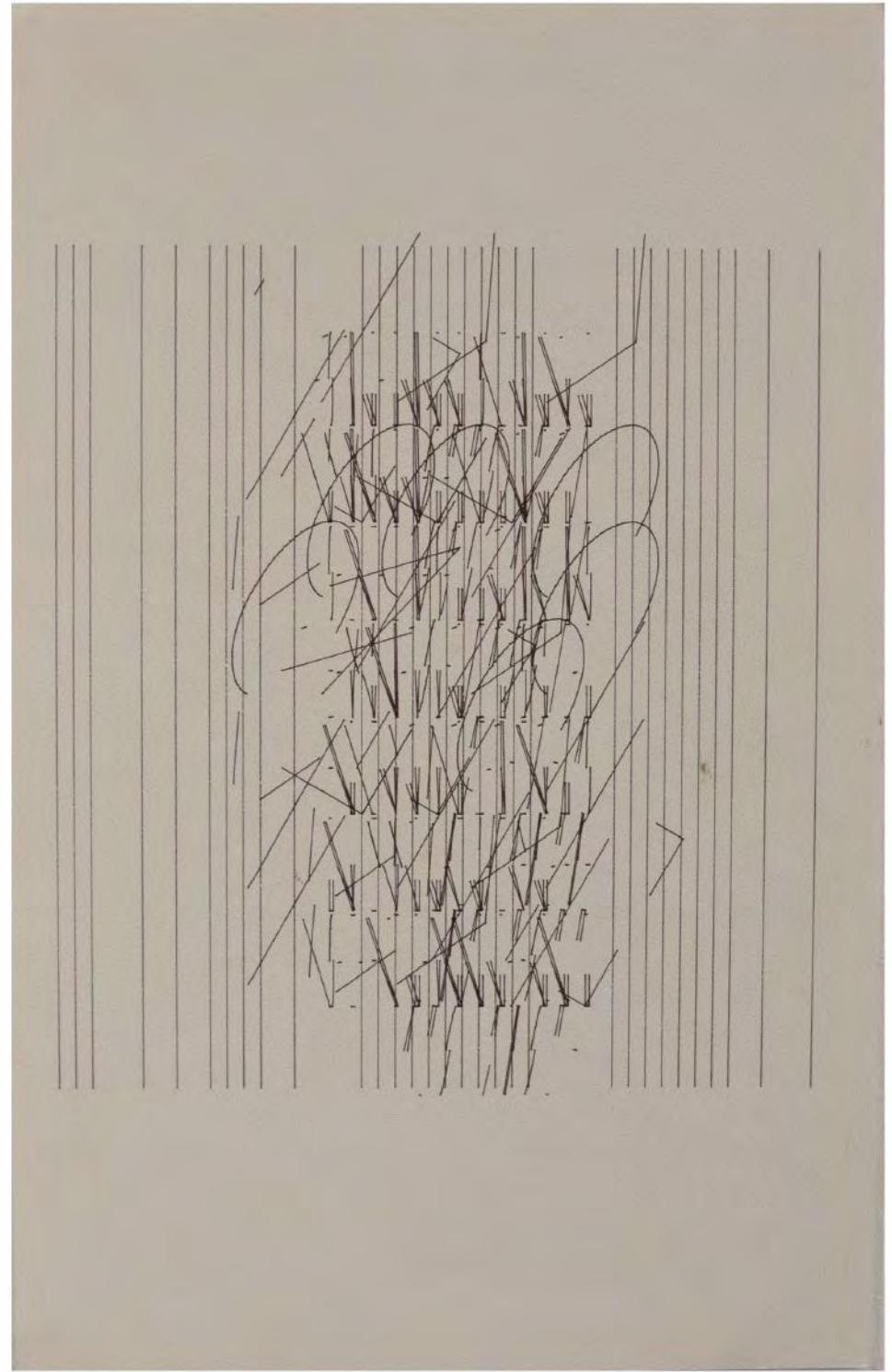
above: untitled, 1979
computer printer drawing in ink on paper with hand
added ink tracing
28 x 38 cm / 11 x 15 in
signed and dated
unique

next page:
Untitled, 1972
Computer printer drawing in ink on paper
47 x 67 cm / 18.5 x 26.5 in
signed and dated on verso
unique

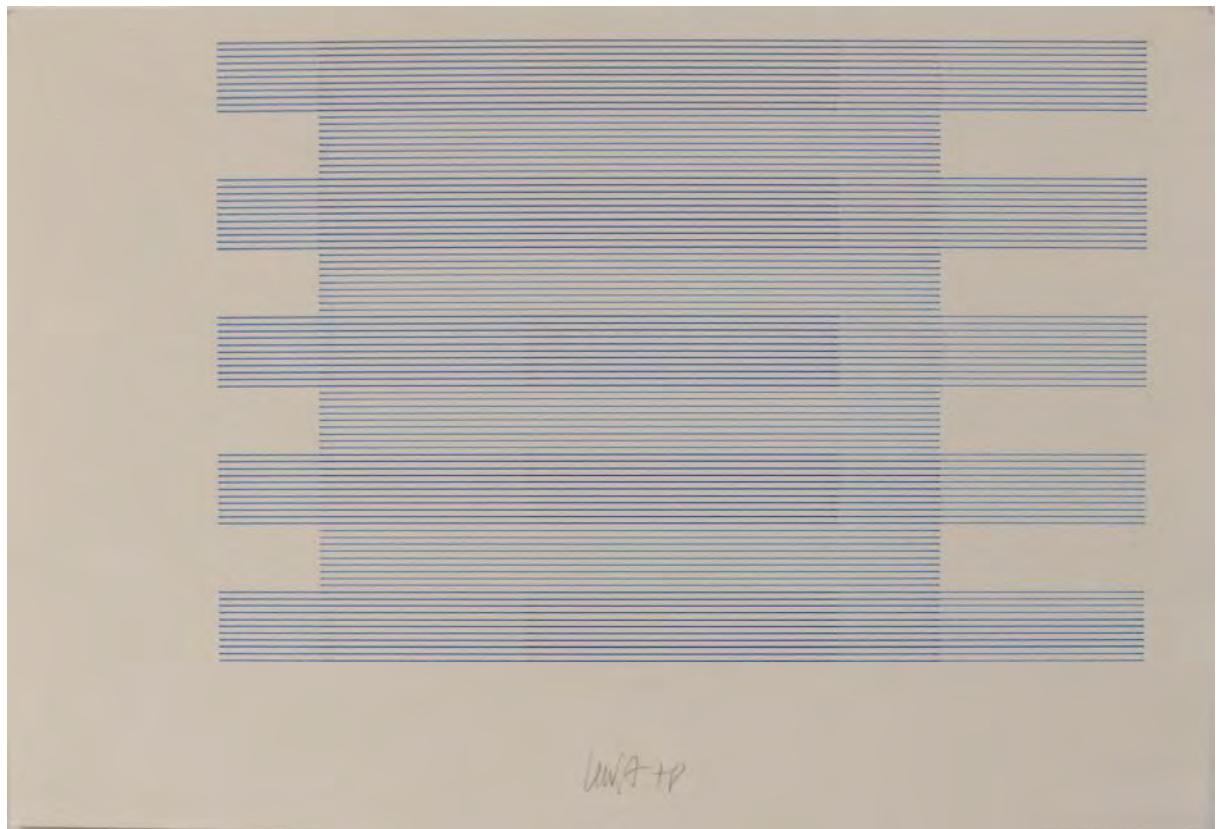




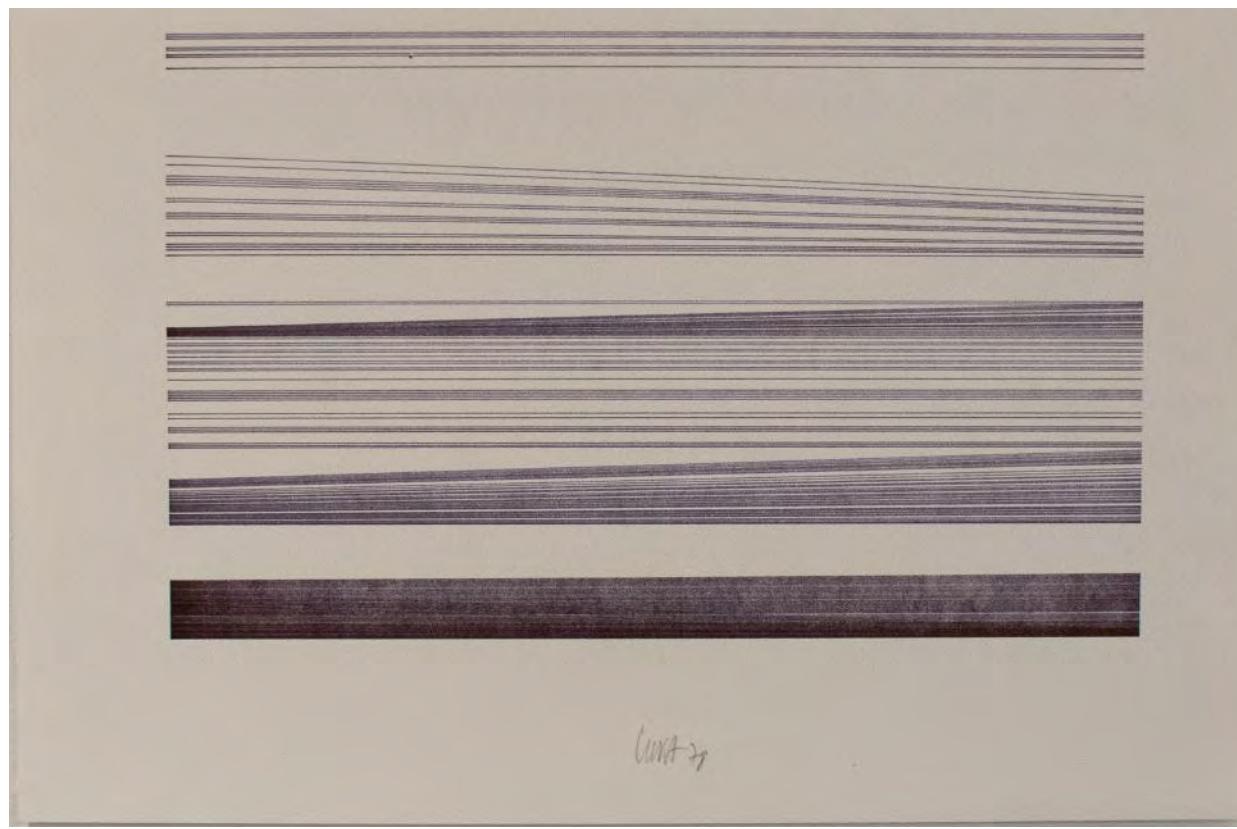
Untitled, 1978
China ink plotter drawing on bristol paper
42 x 28.5 cm / 16.5 x 11 in
signed and dated
unique



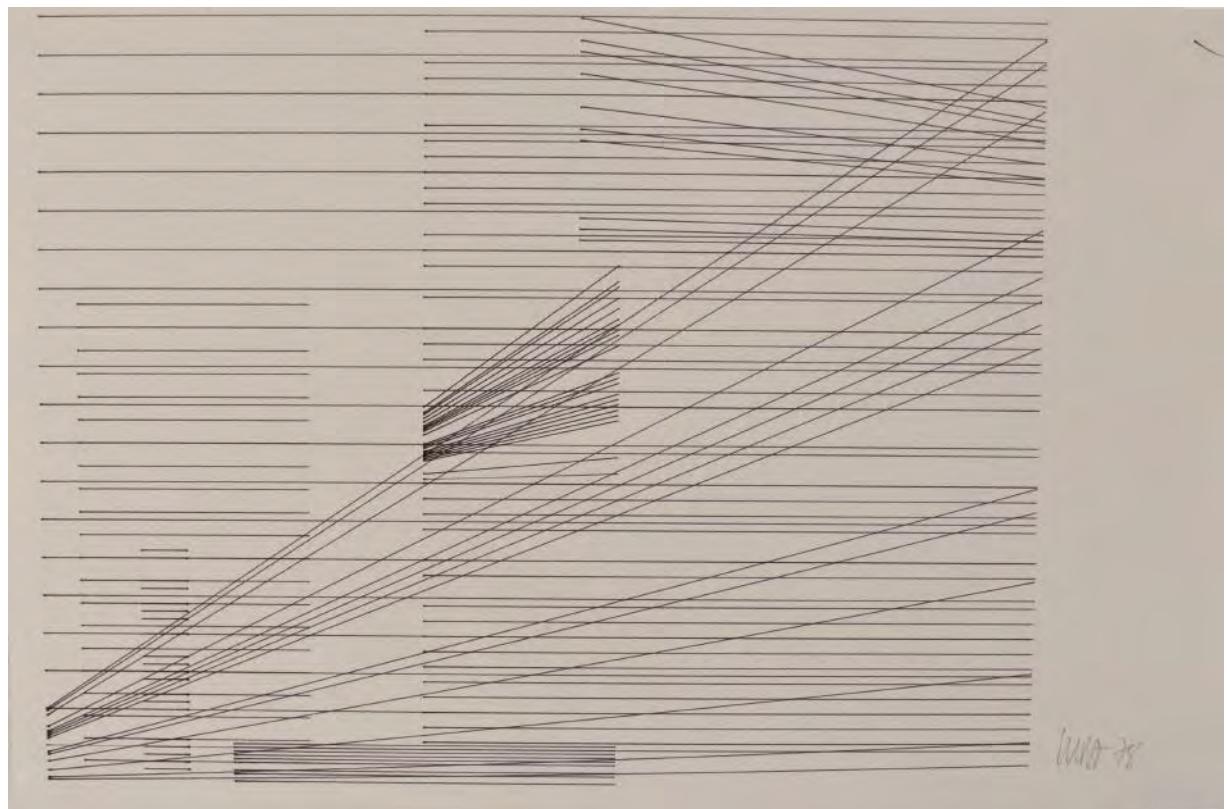
Vertikal Partitur, 1979
China ink plotter drawing on bristol paper
signed and dated on verso
42 x 27.5 cm / 16.5 x 10.8 in
unique



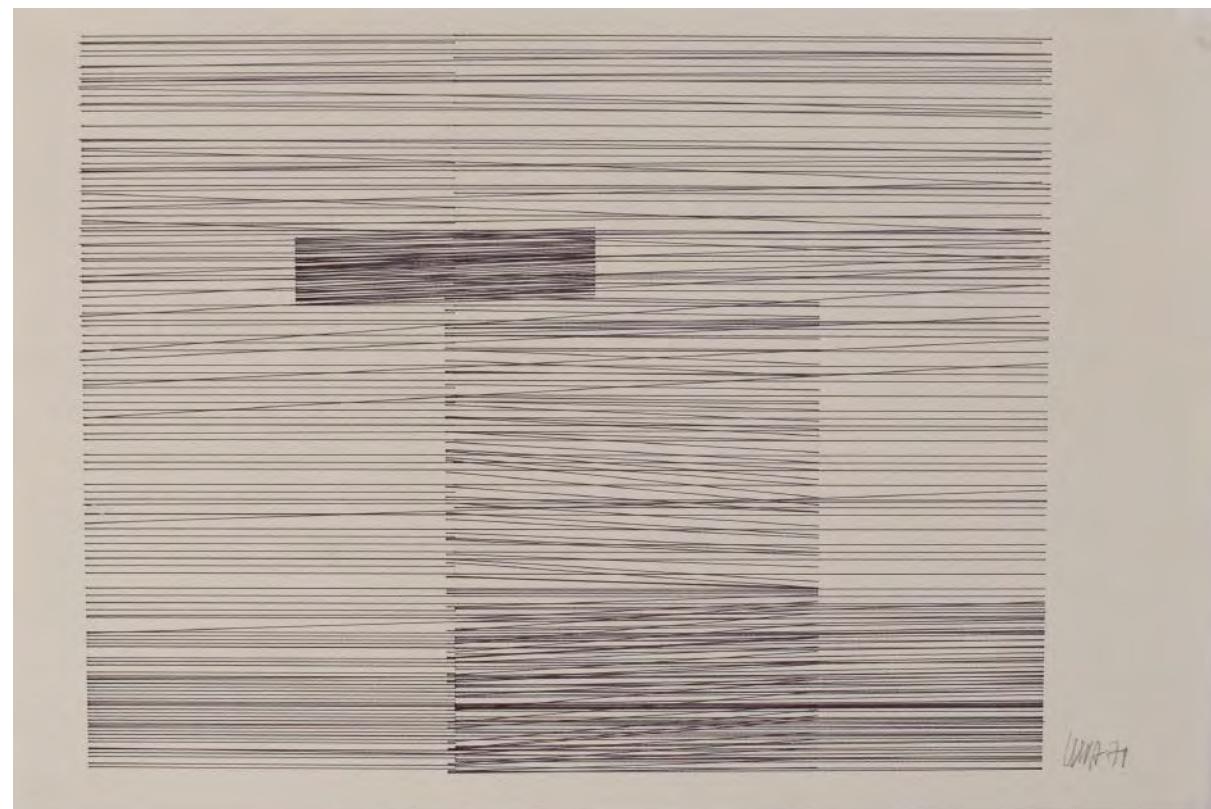
Untitled, 1978
China ink plotter drawing on bristol paper
28.5 x 42 cm/ 11 X 16.5 in
signed and dated
unique



Untitled, 1978
China ink plotter drawing on bristol paper
28.5 x 42 cm/ 11 X 16.5 in
signed and dated
unique



Untitled, 1978
China ink plotter drawing on bristol paper
28.5 x 42 cm/ 11 X 16.5 in
signed and dated
unique

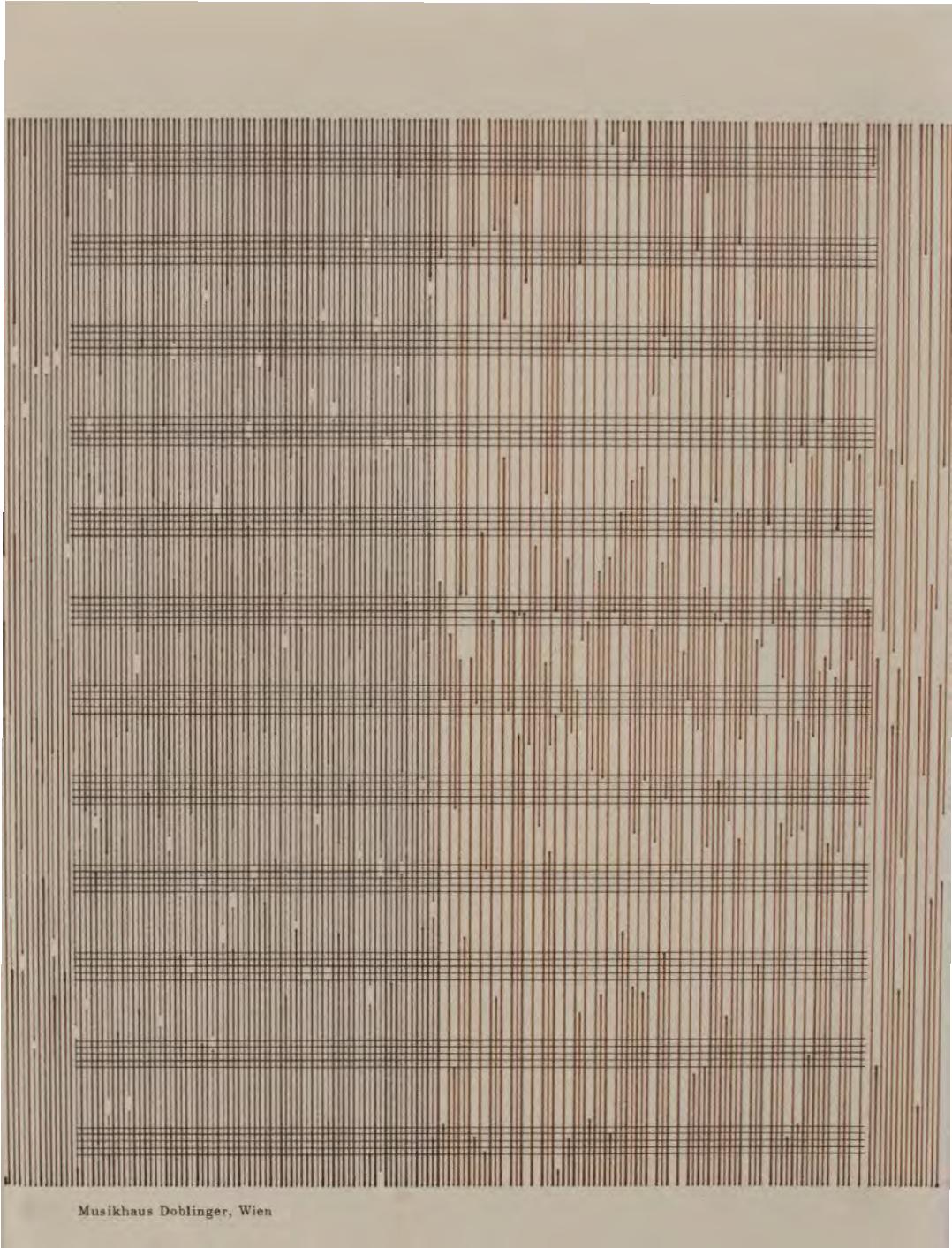


Untitled, 1978
China ink plotter drawing on bristol paper
28.5 x 42 cm/ 11 X 16.5 in
signed and dated
unique

WKA 78

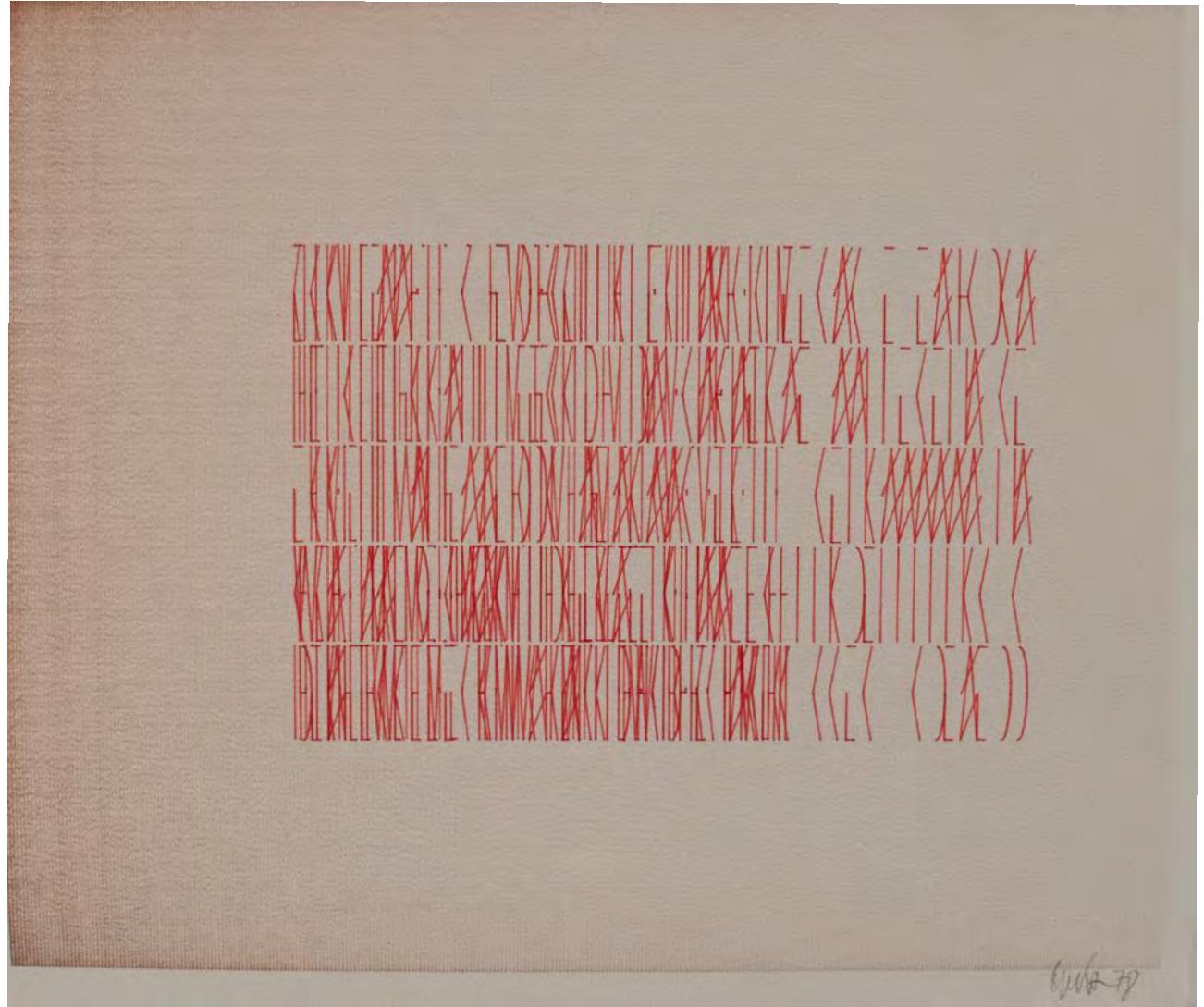


Untitled, 1978
China ink plotter drawing on bristol paper
28.5 x 42 cm / 11 X 16.5 in
signed and dated
unique



Musikhau Doblinger, Wien

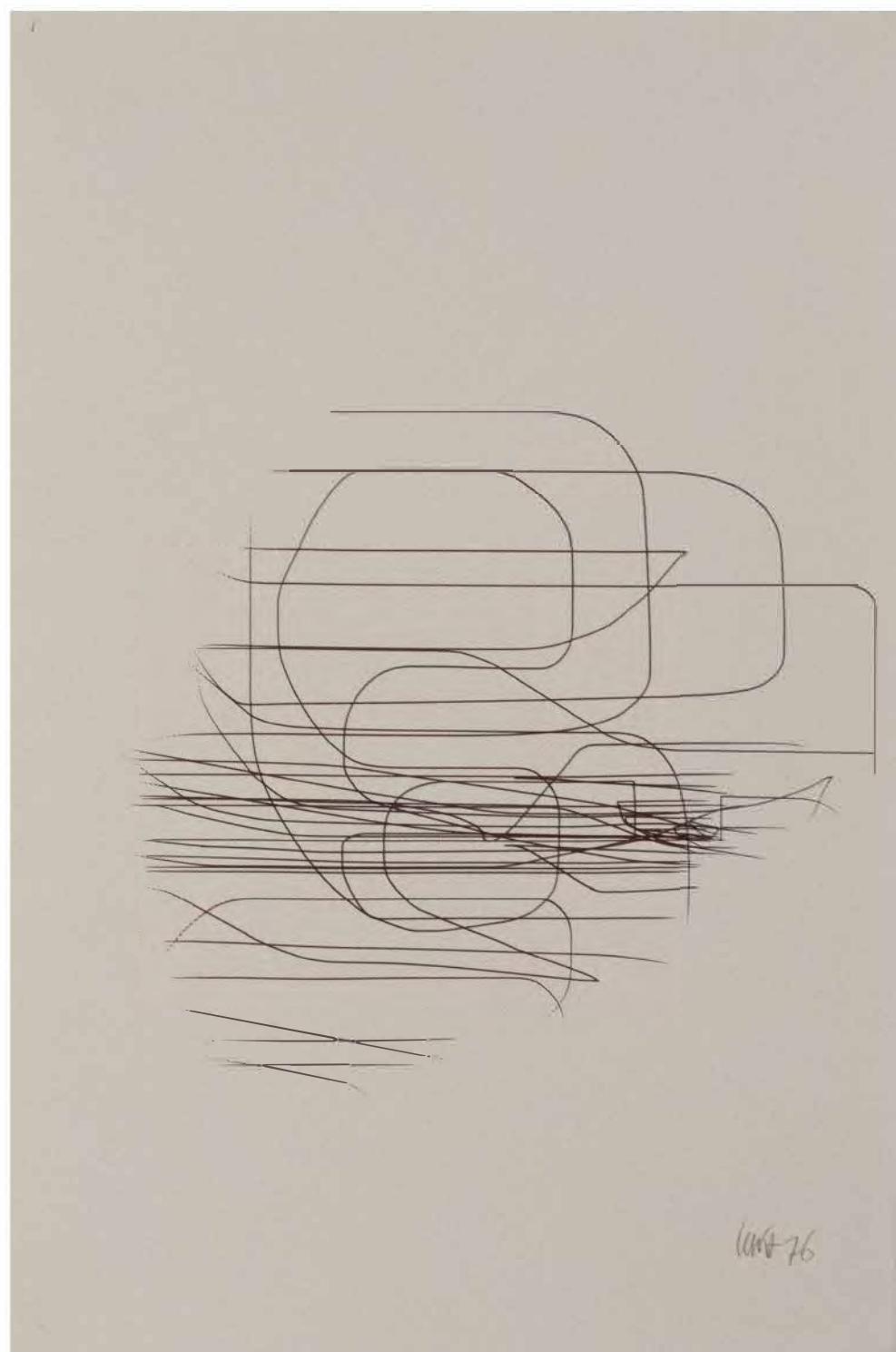
Untitled, 1978
China ink plotter drawing on musical composition paper
32.5 x 27.5 cm/ 11 x 13 in
signed and dated on verso
unique



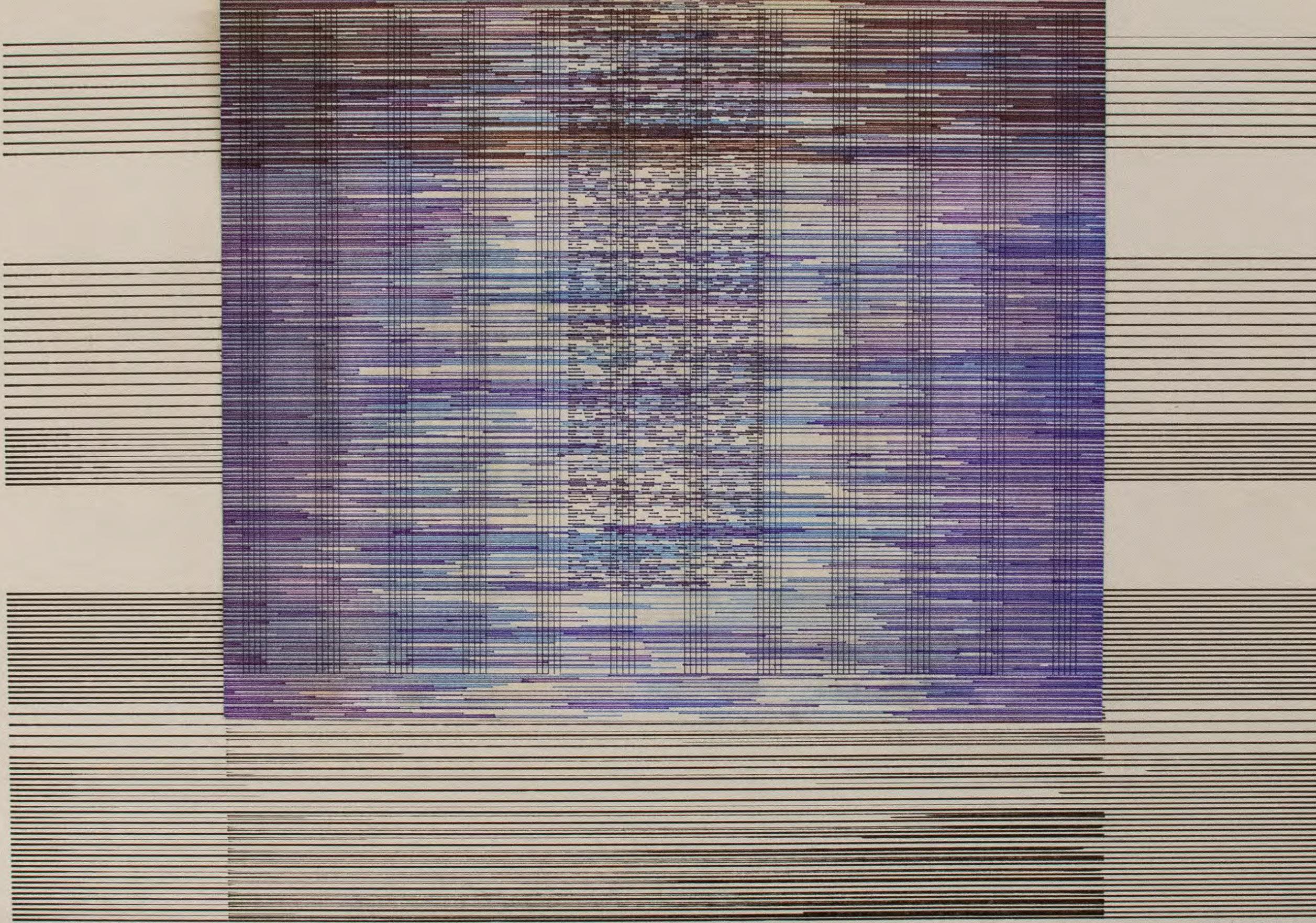
Untitled, 1978
China ink plotter drawing on bristol paper
27.5 x 32.5 cm/ 11 x 13 in
signed and dated bottom right
unique



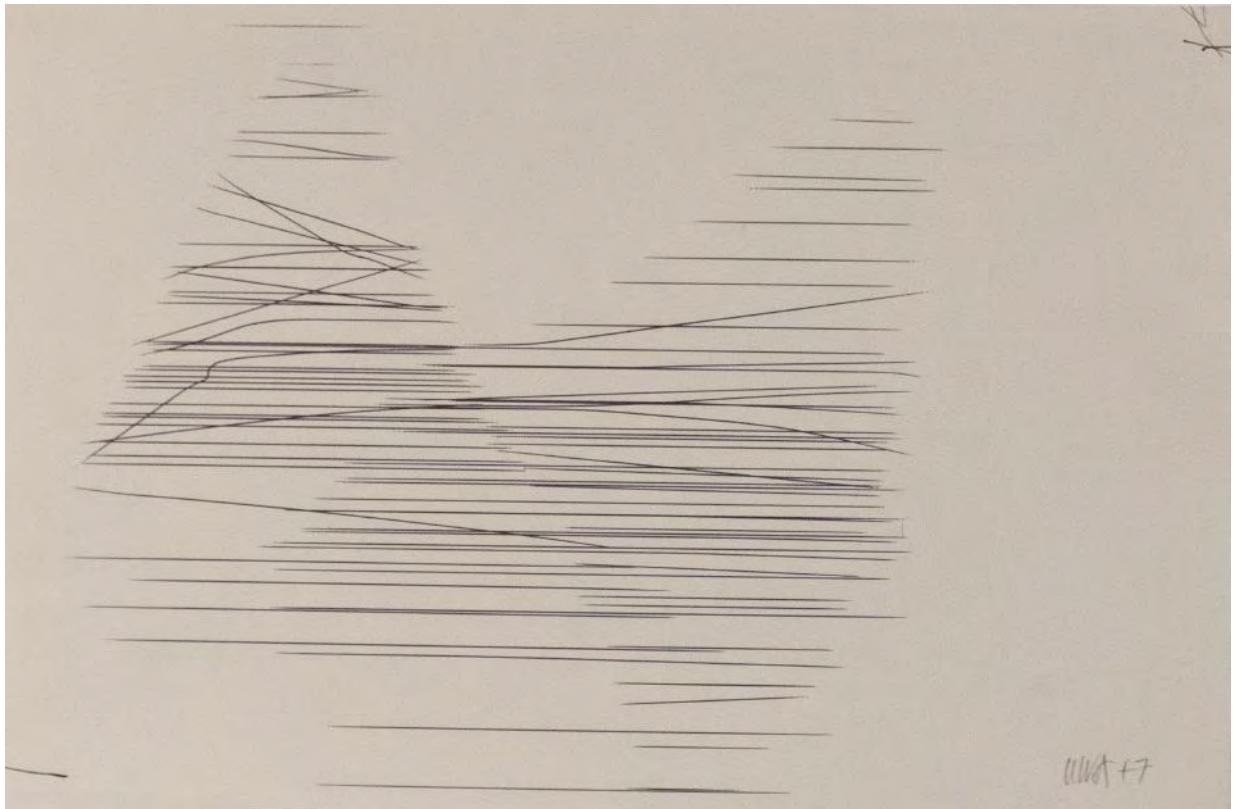
Untitled, 1978
China ink plotter drawing on bristol paper
signed and dated
42 x 27.5 cm / 16.5 x 10.8 in
unique



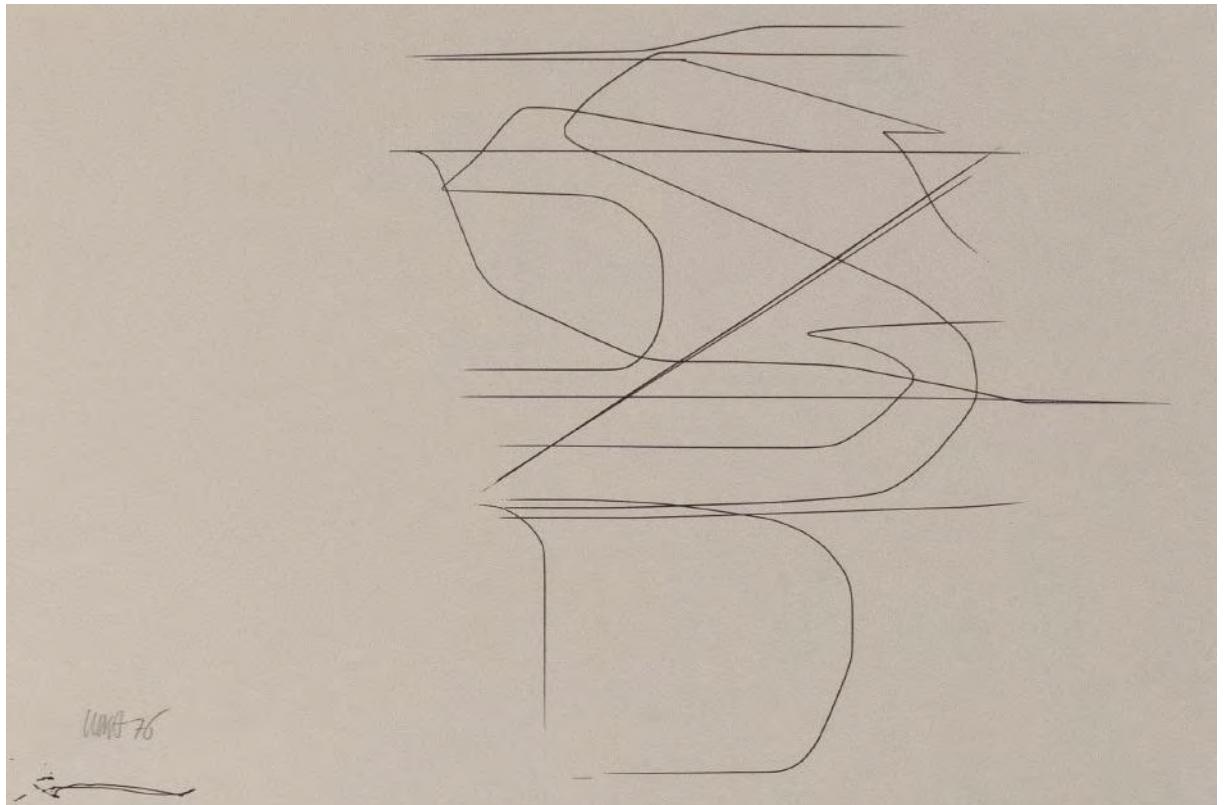
Untitled, 1976
China ink plotter drawing on bristol paper
signed and dated
42 x 27.5 cm / 16.5 x 10.8 in
unique



Wade 78

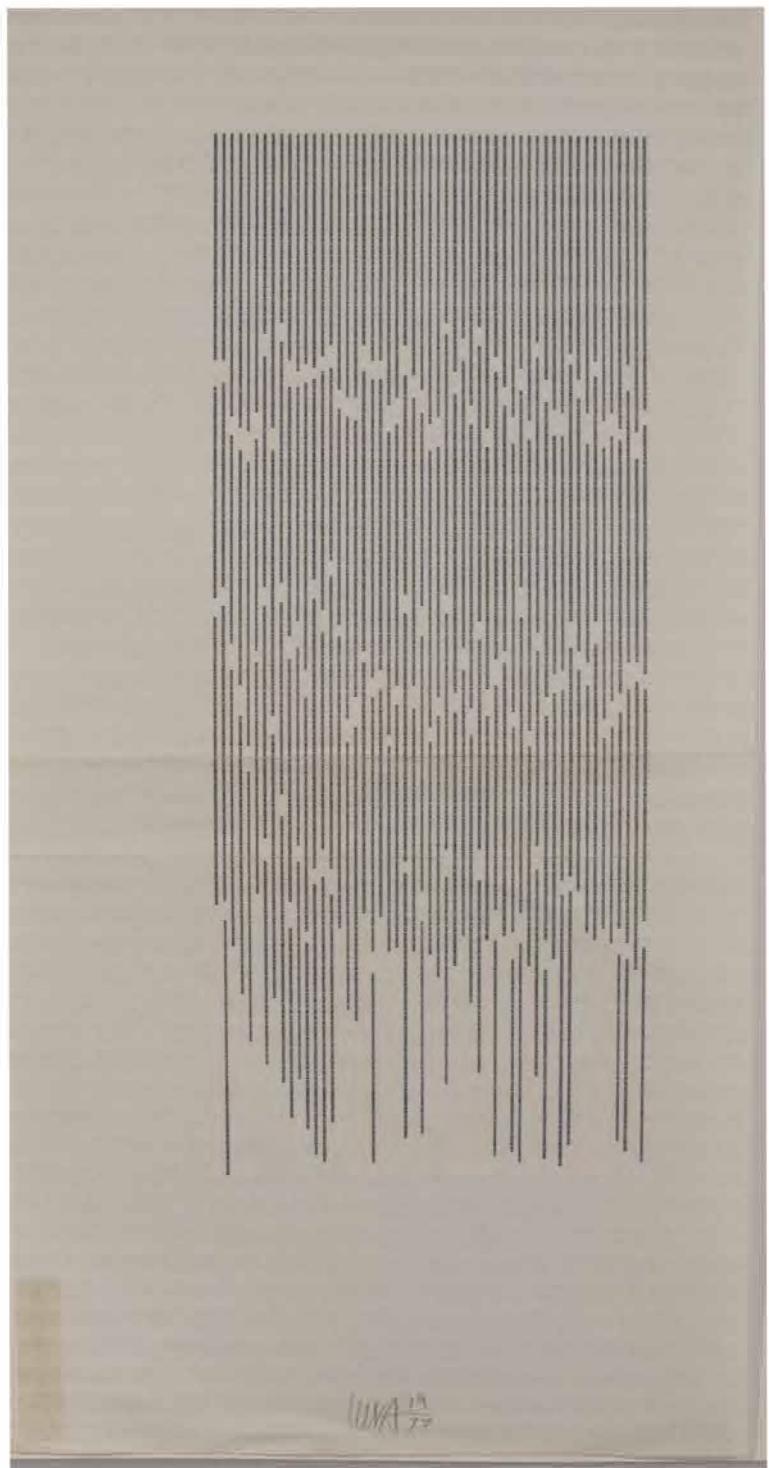


Untitled, 1977
China ink plotter drawing on bristol paper
28.5 x 42 cm/ 11 X 16.5 in
signed and dated
unique

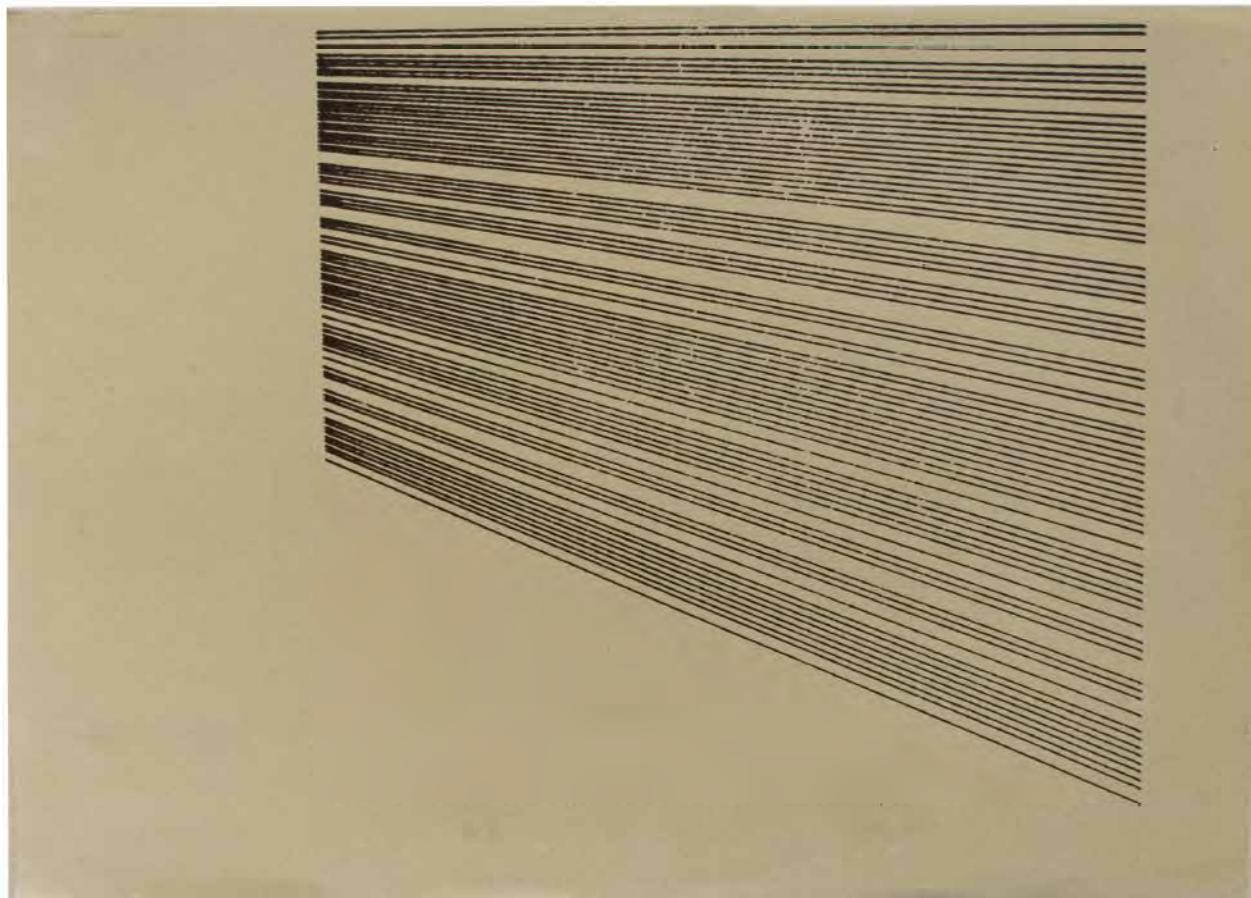


Untitled, 1976
China ink plotter drawing on bristol paper
28.5 x 42 cm/ 11 X 16.5 in
signed and dated
unique

Previous page:
Untitled, 1978
China ink plotter drawing on bristol paper
28.5 x 42 cm/ 11 x 16.5 in
signed and dated
unique

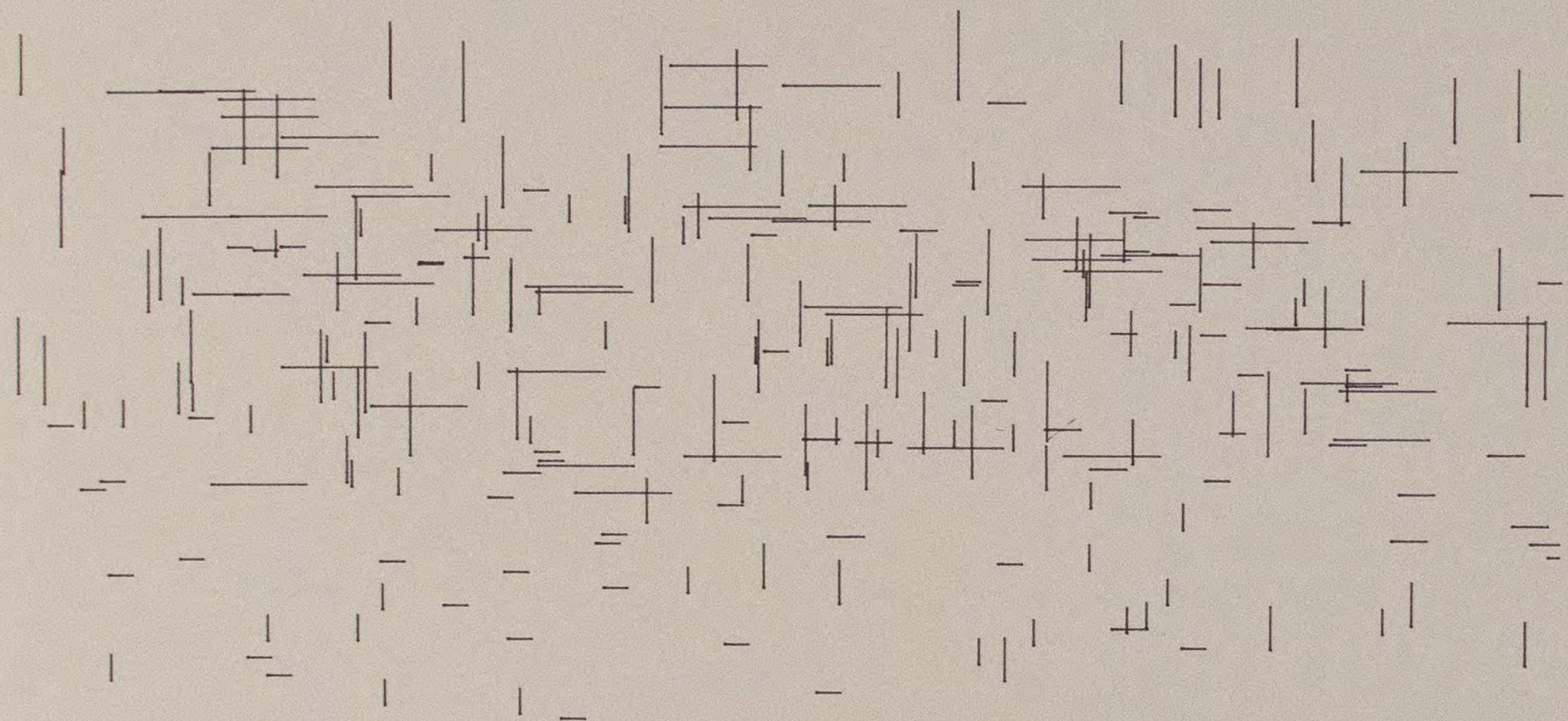


Decomposition, 1977
Computer printer drawing in ink on paper
42 x 21.5 cm/ 16.5 x 8.5 in
signed and dated, titled on verso
unique

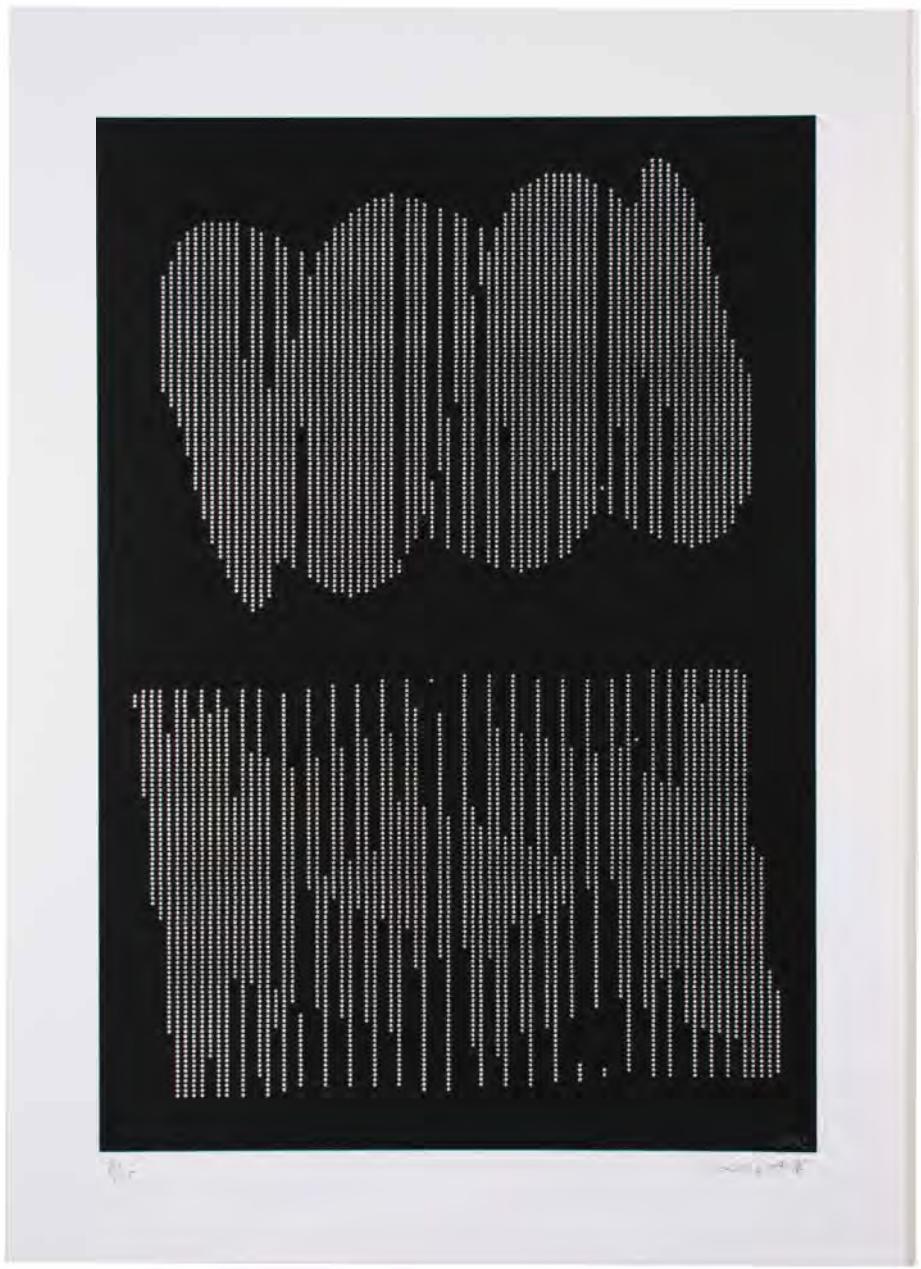


Untitled, 1978
Computer hard copy in ink on paper
42 x 28.5 cm/ 11 X 16.5 in
signed and dated
unique

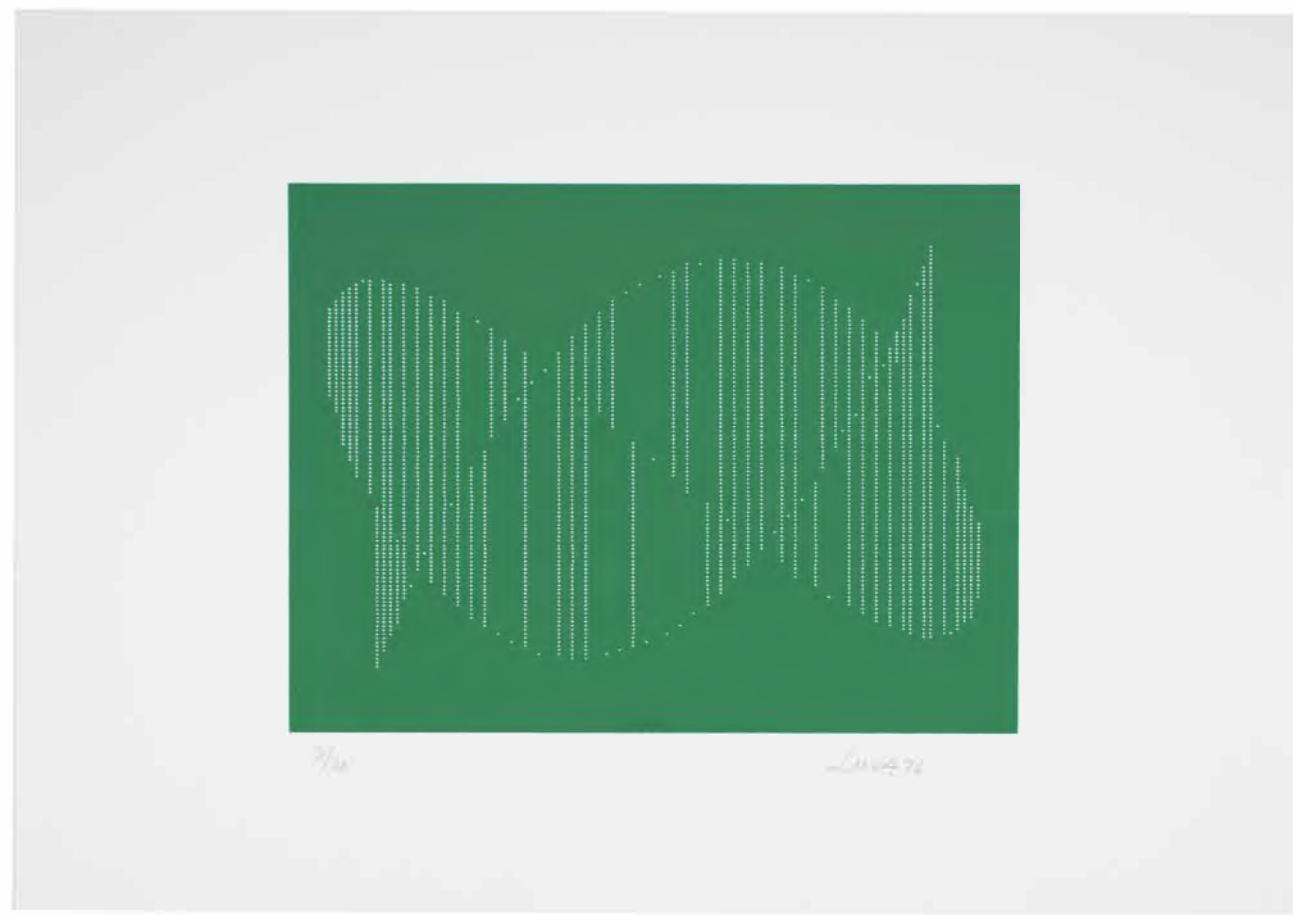
Next page:
Untitled, 1978
China ink plotter drawing on bristol paper
28.5 x 42 cm/ 11 x 16.5 in
signed and dated
unique



000822



Orphée, 1976
Serigraph on paper
70 x 50 cm/ 27.5 x 19.5 in
signed and dated
numbered of an edition of 15 copies



Orphée, 1976
Serigraph on paper
50 x 70 cm/ 19.5 x 27.5 in
signed and dated
numbered of an edition of 20 copies

Gerhard Friedrich Ludwig Kammerer
artist name : KAMMERER-LUKA / LUKA

born on June 9, 1929 in Gernsbach / Baden

1949
French A-levels at the Ludwig-Wilhelm-Gymnasium Rastatt

1949/1950

Student working on construction sites. First pencil drawings on form blocks of the occupation army

1950-1957

Studies in the humanities. Philosophy, history, German philology and Romance languages

1950-1952

Studies at the University of Freiburg

1950-1952

Evening course in nude drawing with Rudolf Dischinger at the Freiburg Art School

1952/53

Studies at the University of Bonn

1952/53

intensive contact with Ernst Wilhelm Nay

1953/54

Student employee at BASF in Leverkusen

1955/1956

Freiburg / Wesen am Walensee (CH)

1957/58

Evening drawing course with Rudolf Dischinger at the Freiburg Art Academy

1958

Graduation from university: CAPES (History, German, French)

1958/59

Linguistic stay in Belfort, where he meets the Germanist Annie Blattes

1961

Marriage with Anne Blattes

1963

Moved to Belfort

1965

Belfort, independent artistic work

1968

Co-founder of the 'Groupe Couleur' for architectural color

1969-1989

Professor of German at the IUT of Belfort, part of the University of Besançon. Establishment of the language laboratory

1972-2012

Cooperation with the computer scientist Jean-Baptiste Kempf

1972

Creation of the 'Groupe Art et Ordinateur de Belfort' GAOB

1978

Medal of Merit of the Karlsruhe School of Engineering for the exchanges between French and German students and the partnership with the University of Besançon

1982

Member of the 'Société des Gens de Lettres de France' (SGDL)

1990/91

Independent artist and designer

1992

Awarded the decoration 'Chevalier des Palmes académiques' by the French Ministry of Culture

1992-2005

Opening of an office in Belfort

Kammerer-Luka Design (KLD)

International commissions for the creation of industrial and architectural forms and colors

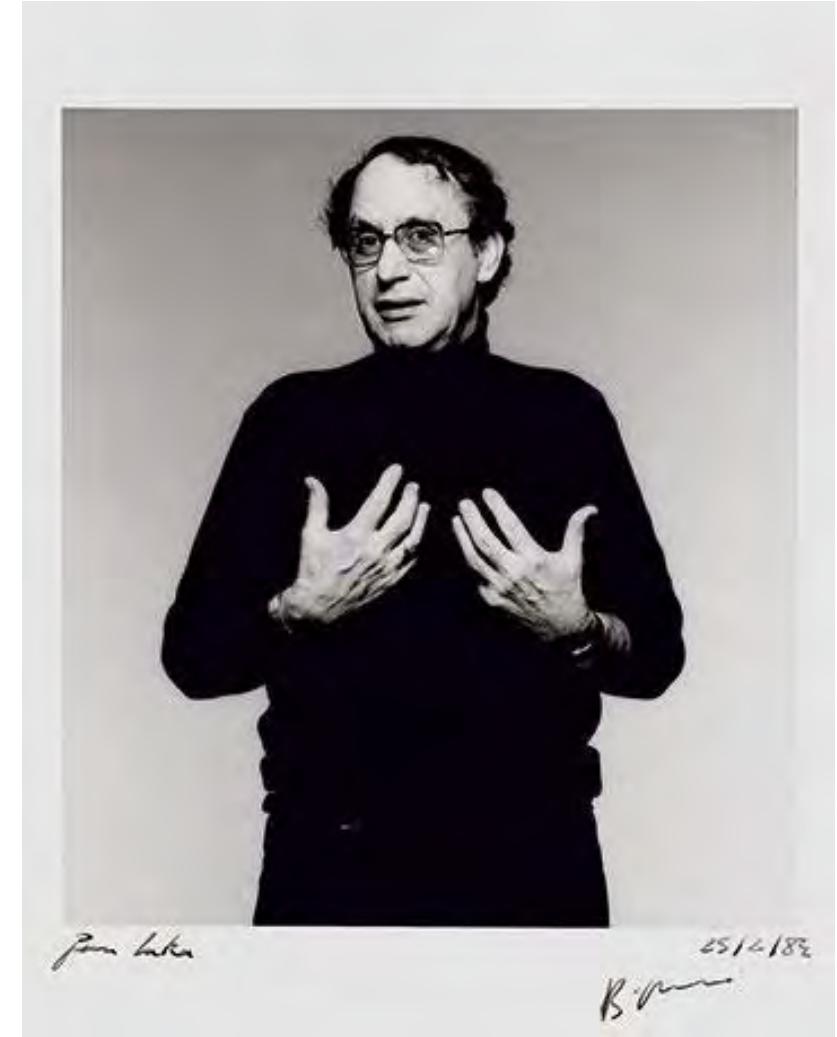
1996

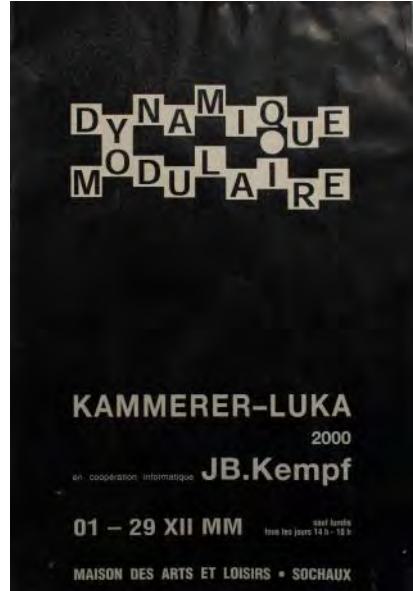
Member of the 'Association des auteurs dans les arts graphiques et plastiques' (Adagp)

2004-2008

Labyrinth in Bois Derrière

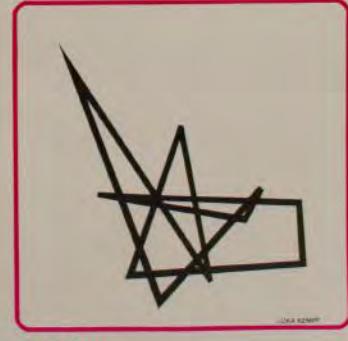
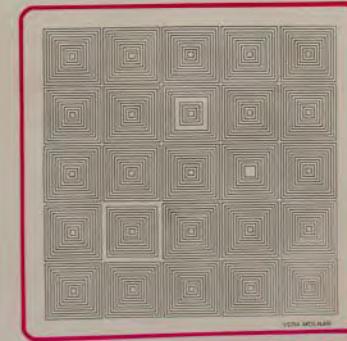
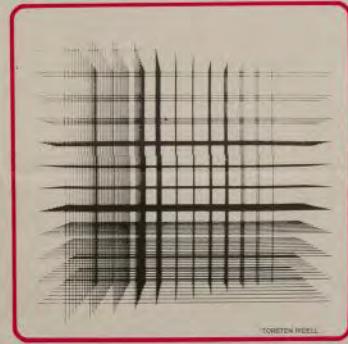
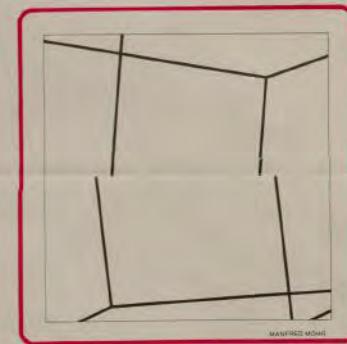
Kammerer-Luka lives and works in Belfort and Castres





L'Office de la Culture et des Loisirs de Seclin~Le Centre Culturel Suédois
présentent

L'ARTISTE et L'ORDINATEUR



EXPOSITION

du 19 Mars au 5 Avril, Salle Barbusse, Seclin



Expositions solo // Expositions du Groupe

1972	Computerkunst / Computer Art '92, Gladbeck (Lauréat ·Goldener Plotter '92· für Livre-Surface, Partition, 1989)
Galerie Rouzier, Montpellier	Konstruktive Kunst am Oberrhein, Basel (CH)
Fondation du ›Groupe Art et Ordinateur de Belfort› GAOB, Institut Universitaire de Technologie (IUT), Belfort (1. Ausstellung)	1993
1973 Art et Ordinateur, SIGMA 9, Bordeaux	Sculpture Numérique, École Polytechnique, Paris-Palaiseau
1974	Konstruktive Kunst am Oberrhein, Belfort
Art et Informatique, Salle Chemellier, Angers	1994
1976	Computerkunst / Computer Art '94, Gladbeck, Karlsruhe
Génération d'un décor mural, ARPA, Paris	Spiegelungen /Reflexionen, Galerie MB-Art, Stuttgart
1977	Konstruktive Kunst am Oberrhein, Kunskreis Radbrunnen, Breisach,
Galerie Marchand, Belfort	1996
Galerie du Vieux-Belfort, Belfort	Zeichen und Text – Méta-Écritures, Institut Français, Freiburg
1978	Computerkunst, Volksbank Herrenberg
Galerie des Halles, Montbéliard	Computerkunst / Computer Art '96, Gladbeck
Les Plasticiens de l'Informatique, exposition itinérante : Sochaux, Paris	Computer Art '96, Dresden
(Centre Georges Pompidou)	1997
Centre Culturel, Mâcon	Siemens-Nixdorf Museum, Paderborn
Art et Informatique, UNESCO, Paris	Écriture, Nancy-Gondreville
Computer Graphics and Art, Museum of Art, Huntsville (USA)	Computer Art '97, Dresden
1979	1998
Artiste et l'Ordinateur, exposition itinérante : Centre Culturel Svédois,	Computerkunst / Computer Art '98, Gladbeck
Paris, Lille, Caen	Mai 68, FNAC, Belfort
International Computer Art Exhibit, Cybernetic Symbiosis, Lawrence	1999
Hall of Science, Berkeley (USA)	Computer Art '99, Dresden
Violences, Caveau du chateau, MALS (Maison des Arts et Loisirs),	2000
Montbéliard	Computerkunst / Computer Art 2000, Gladbeck G
1980	Cynet Art 2000, Dresden
Computerkunst, Leonberg	2001
Art et Ordinateur, Palais de la Découverte, Paris	Kompakt / Konkret / Konstruktiv, Burg Dringenberg
Dator or Konstart (L'Artiste et l'Ordinateur), Archives des Arts	2002
Décoratifs (exposition itinérante), Lund (SWE)	Computerkunst / Computer Art 2002, Gladbeck
L'Amérique aux Indépendants, Grand Palais, Paris	2003
Fachhochschule Karlsruhe	Ars Electronica, Linz (A)
Traçages, Ligne-Signe-Écriture, Tour 41, Belfort	2004
1981	Festival Ohne Kohle, Wien (A)
L'informatique a la télématique, Maison des Arts et de la Culture MAC	14. Gmundner Symposium, Gmunden (A)
– André Malraux, Paris-Créteil	Computerkunst / Computer Art 2004, Gladbeck (Preisträger ·Goldener Plotter· für Métamorphose Numérique)
Wege der Computerkunst, Universitätsbibliothek Kiel	Filmvorstellung ·Métamorphose 2004·, Mainz
Computer Art, Palais des Beaux-Arts, Brüssel (BE)	2007
Computergrafik Evolution, Kreissparkasse Augsburg	Ex Machina, Frühe Computergrafik bis 1979, Kunsthalle Bremen
1982 – 1983	Forum Konkrete Kunst, Erfurt GAOB, Labyrinthe – Fil d'Ariane, City Chase Paris LUCA 2008
L'Art et l'Ordinateur, FNAC/CISI, exposition itinérante : Paris,	Figur Mythos Zeichen, Städtische Galerie Fruchthalle, Rastatt LUKA/GAOB Computerkunst /
Toulouse, Marseille, Lyon, Belfort	Computer Art 2008, Gladbeck
1983	2010
Electra, Musée d'Art Moderne, Paris	Demandez le programme!, Espace Gantner, Bourogne /Belfort
1986	2011/2012
Computerkunst, Pädagogische Hochschule Freiburg	Figuration et transfiguration de Belfort, Tour 46, Belfort
Stationen programmiert Kunst, Galerie E, Zürich (CH)	2012
Computerkunst, Ludwigsburg	Hommage à Malewitsch, Ateliers d'Artistes les écuries, Lure
Images du Futur, Montréal (CA)	2015
Musée des Beaux Arts, Budapest (HU)	modo Verlag, Freiburg i. Br.
Grand Palais, Paris	2015
Métamorphoses, Nouveau Theatre de Belfort, Belfort LUKA	Musées de Belfort, Tour 41, Belfort, Donation Kammerer-Luka
1988	2017
AGA 88 (Salon des Arts Graphiques Actuels), Grand Palais, Paris	Groupe Art et Ordinateur de Belfort (GAOB) 1972 – 2016,
Null-Dimension, Fulda, Gmunden (A), Breslau (PL)	Musées de Belfort, Tour 46
1989	2017/18
SAGA 89, Grand Palais, Paris	Licht und Bewegung, Kunsthalle Messmer, Riegel
Galerie du Présent, Montbéliard	2018
Arte sistemático y constructivo actual, Madrid (ES)	Kammerer-Luka modul // Linie, modo Verlag, Freiburg i. Br.
Retrospektive, Nouveau Theatre de Belfort, Belfort	

Selected Bibliography:

Lerossignol, François, IBM-Informatique Nr. 13, Paris 1975

Demarne, Pierre, Art, artistes: 1947–1977, trente ans d'écrits et conversations sur les arts plastiques contemporains, Paris 1977

Art et Informatique, IRIA, Paris 1978

Encyclopédie Universalis – Artikel ›Informatique et Sciences humaines‹,
S. 50 Edition 1980

Coqart, Roger, Aspekte: Der Computer in der visuellen Kunst, Brüssel 1981
L'Art et l'ordinateur, Catalogue CISI, Paris 1983

Franke, Herbert W., Computergrafik-Galerie – Bilder nach Programm,
Kunst im elektronischen Zeitalter, Köln 1984

Franke, Herbert W., Computer Graphics – Computer Art, Berlin 1985

Kammerer-Luka, Architecture-related Computer Art, in VISUAL COMPUTER,
Springer International, volume 2, number 3, 1986

Arte Systematico y Constructivo, Madrid 1989

Konstruktive Kunst am Oberrhein – Art Construit du Rhin Supérieur, Vereinigung
Konstruktive Kunst am Oberrhein und Städtische Museen Freiburg im
Breisgau, Augustinermuseum, Freiburg 1990

Buttard, Alain, Kammerer-Luka, Esquisse pour une Rétrospective:
Kammerer-Luka, Granit-CAC de Belfort 1990

Steller, Erwin, Computer und Kunst. Programmierte Gestaltung: Wurzeln und
Tendenzen neuer Ästhetiken, Mannheim u.a. 1992

Franke, Herbert W., G. F. Kammerer-Luka, J. B. Kempf, CD und C-Kunst
(Über den Einsatz von Computerkunst im Rahmen von Corporate Design –
ein Bericht der Sparkasse Kiel über das Werk von G. F. Kammerer-Luka und
J. B. Kempf), Kiel 1994

Moeglin-Delcroix, Anne, Esthétique du livre d'artiste 1960 – 1980, Bibliothèque
National de France, Paris 1997

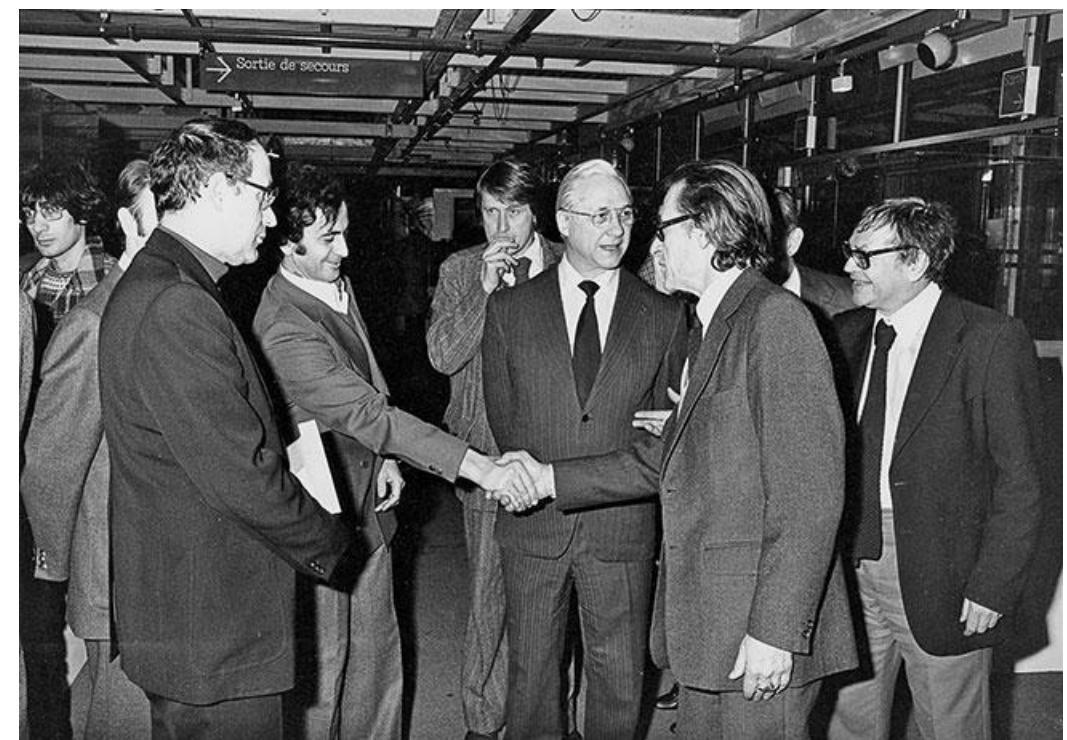
Caillaud, Bernard, La Création Numérique Visuelle – Aspects du computer
art depuis ses origines, Paris 2001

Ex Machina – Frühe Computergrafik bis 1979, Katalog der Kunsthalle
Bremen, 2007

Wunderkammermusik, Highlights der Kunsthalle Bremen, Katja Riemer,
Andreas Kreul, Köln 2011

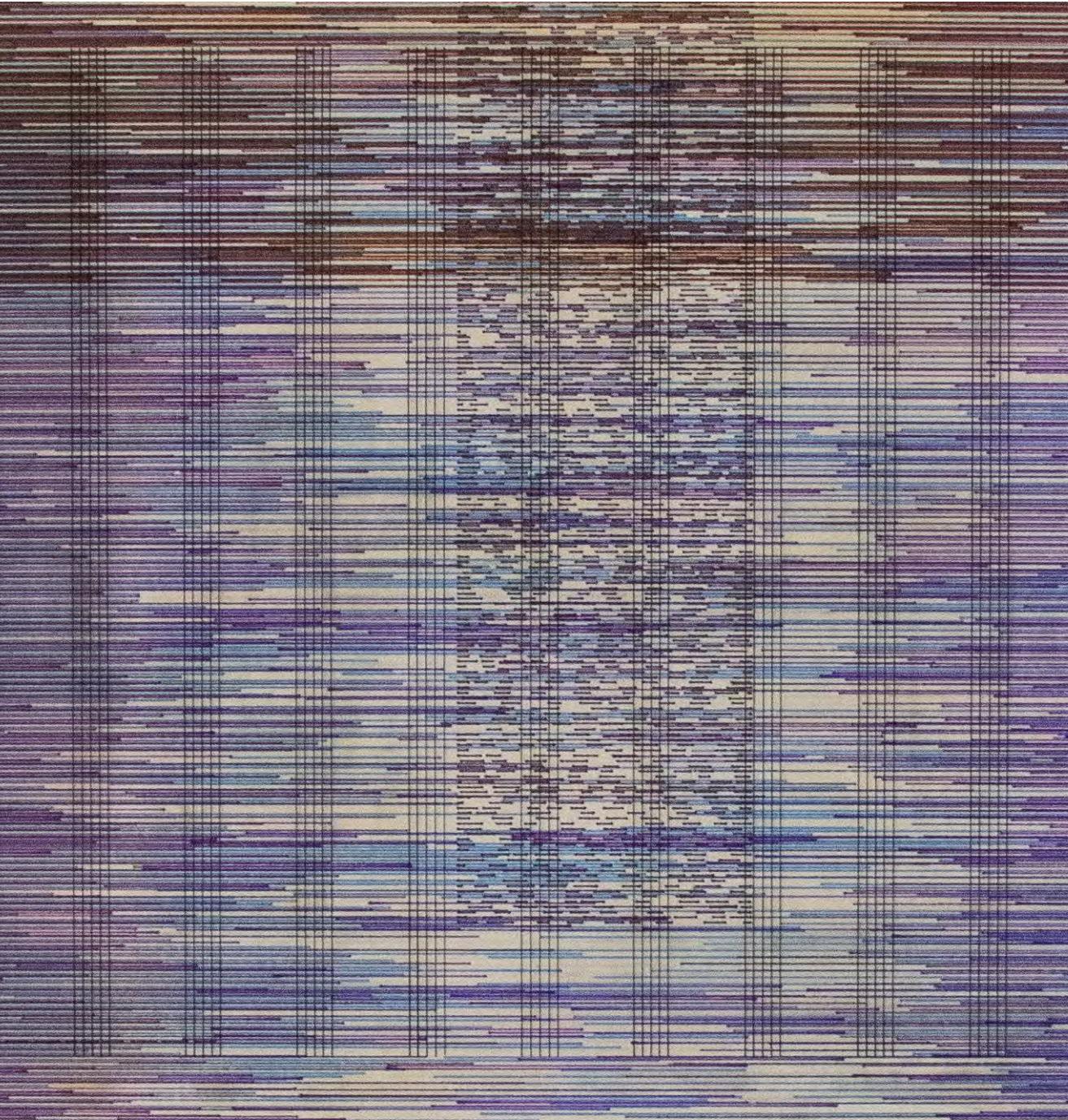
Kammerer-Luka Retrospektive 1950 – 2015, Archiv Kammerer-Luka, Dieter Weber, Freiburg i. Br. 2016

Groupe Art et Ordinateur de Belfort (GAOB) 1972 – 2016, Kammerer-Luka, Jean-Baptiste Kempf, Musées de la
ville de Belfort, Archiv Kammerer-Luka, Freiburg i. Br. 2017



Exhibition opening, first presentation of digital art, 1978, Centre Georges Pompidou, Paris, from left to right Kammerer-Luka, Christian Cavadia (ARTA), Pontus Hultén (Dir. Centre Pompidou), Georges Charbonnier (France Culture)

Above: Exhibition opening, first presentation of digital art, 1978, Centre Georges Pompidou, Paris,
Jean-Baptiste Kempf (left) and Kammerer-Luka



RCM GALERIE
32, rue de Lille
75007 Paris, FR
www.rcmgalerie.com