

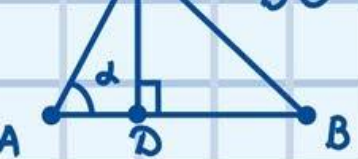
A collection of geometric tools including a yellow protractor, an orange ruler, and a compass, all set against a teal background. The word "GEOMETRY" is written in large, bold, yellow letters with a black outline, centered over the image.

GEOMETRY

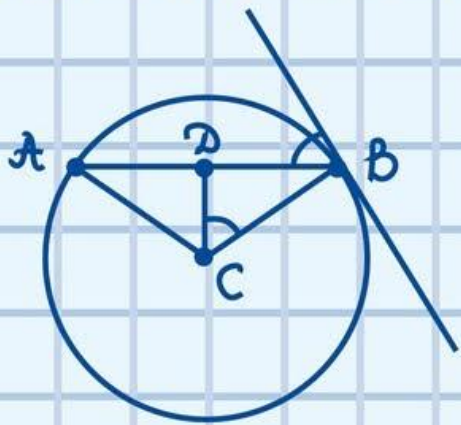
6TH GRADE

CEIP CALDERÓN DE LA BARCA

MADRID



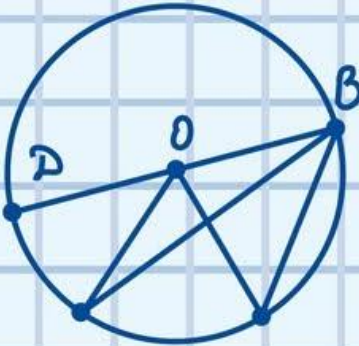
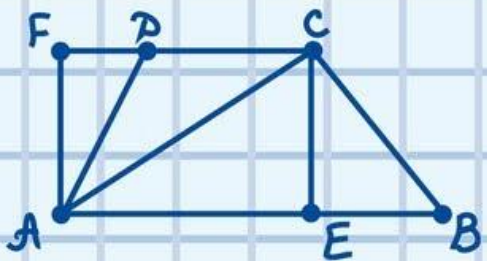
$$r = \frac{2S}{a+b+c}$$



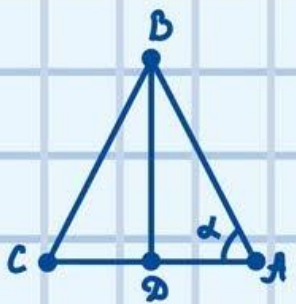
$$S = \frac{1}{2} AC \cdot BD \cdot \sin \alpha$$



$$S = \frac{a+b}{2} \cdot h$$

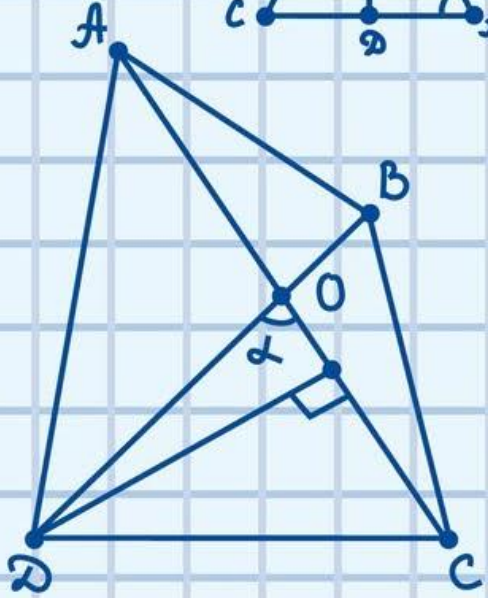
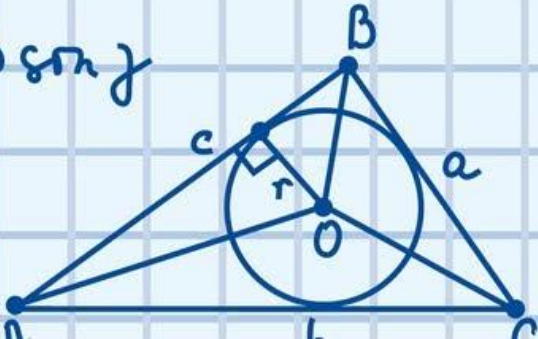


$$\angle ABC = \frac{1}{2} \angle AOC$$



$$S = \frac{1}{2} cr + \frac{1}{2} ar + \frac{1}{2} br$$

$$S = \frac{1}{2} ab \sin \gamma$$



Students
listen
geometry
and think...

Thoughts about geometry

- ▶ It's useful only in Maths.
- ▶ It's boring.
- ▶ It's difficult.
- ▶ You can't do anything artistic with Geometry.

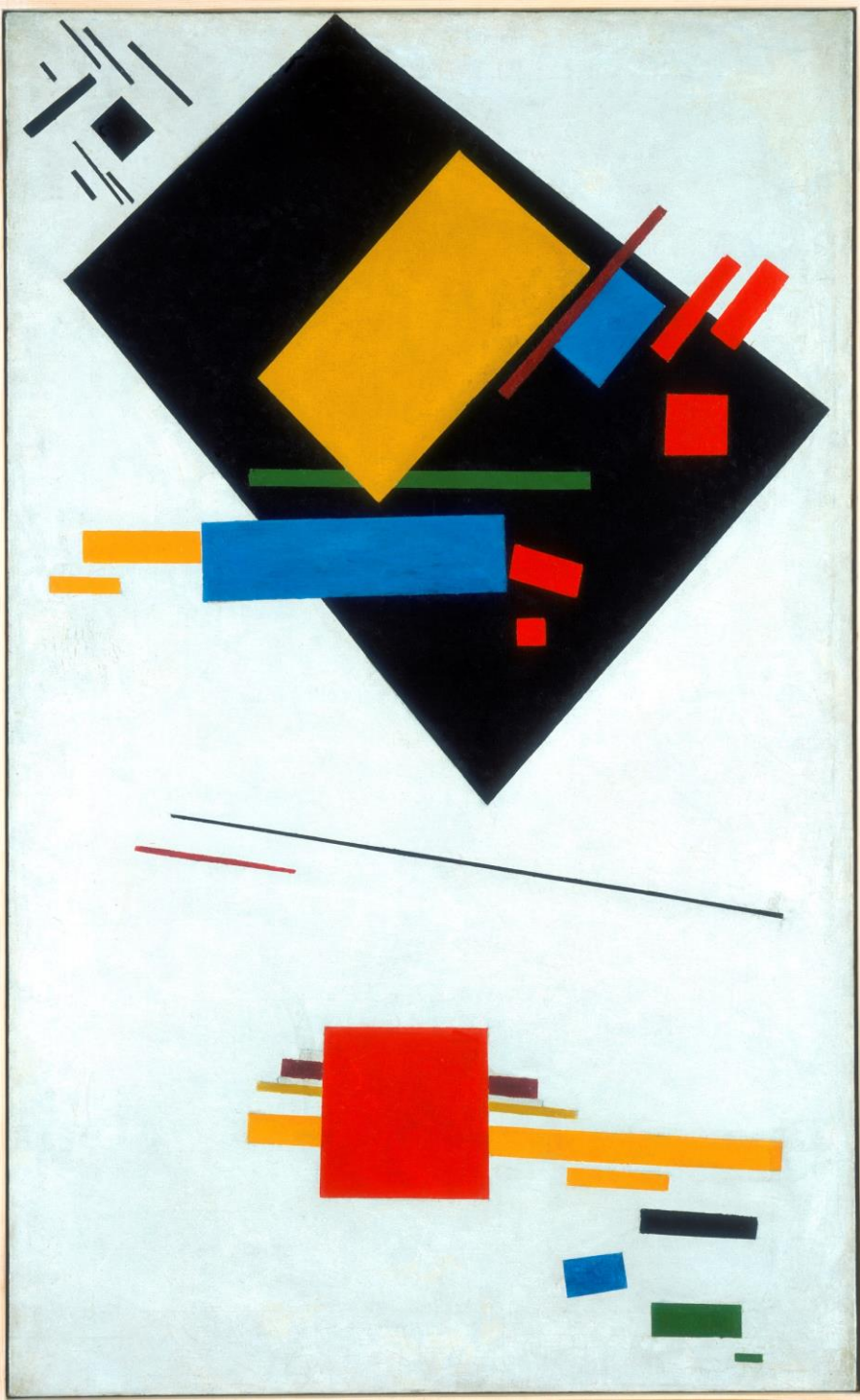


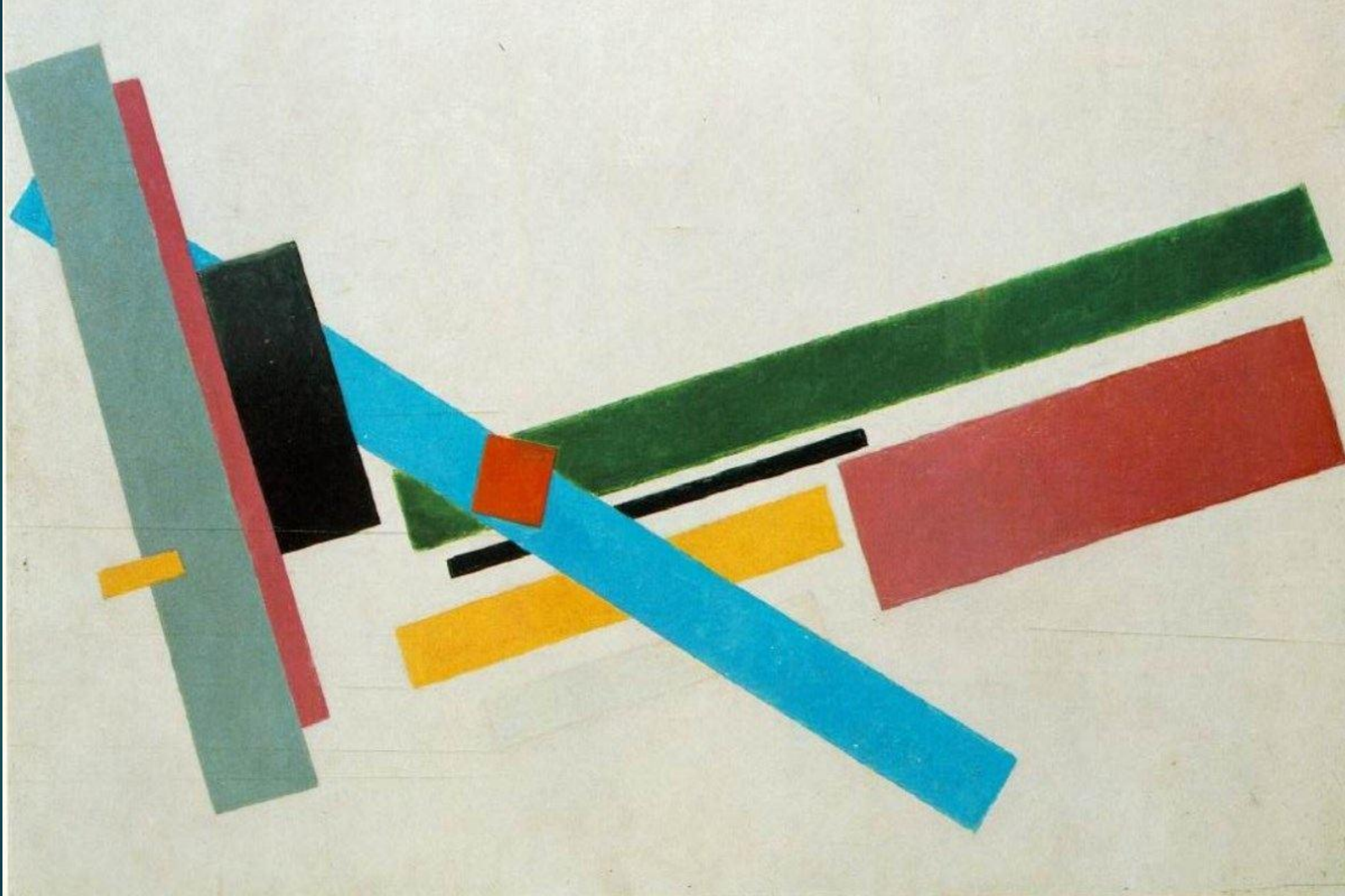
But after
today you will
think about...

Kazimir Malévich

1789-1935











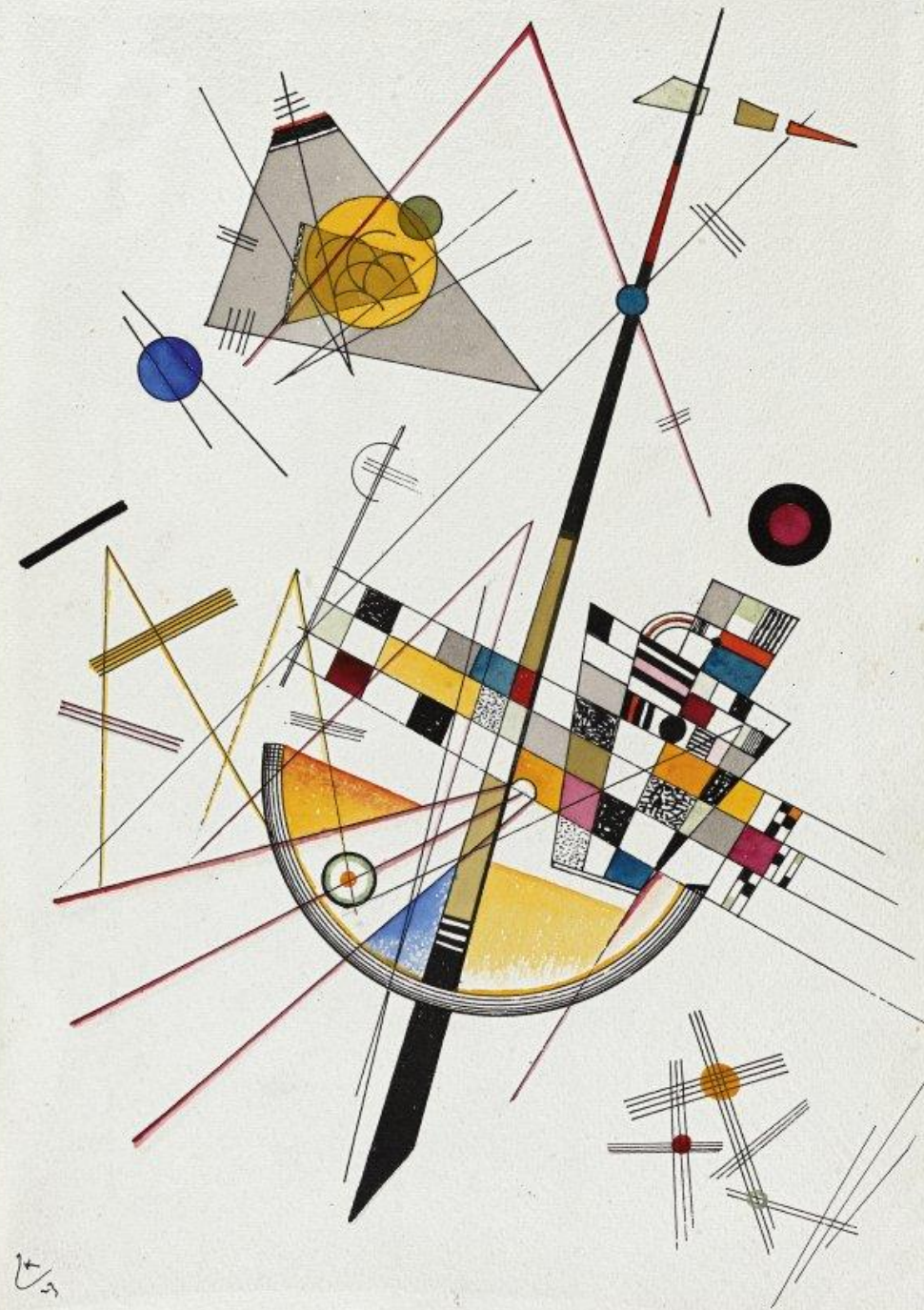


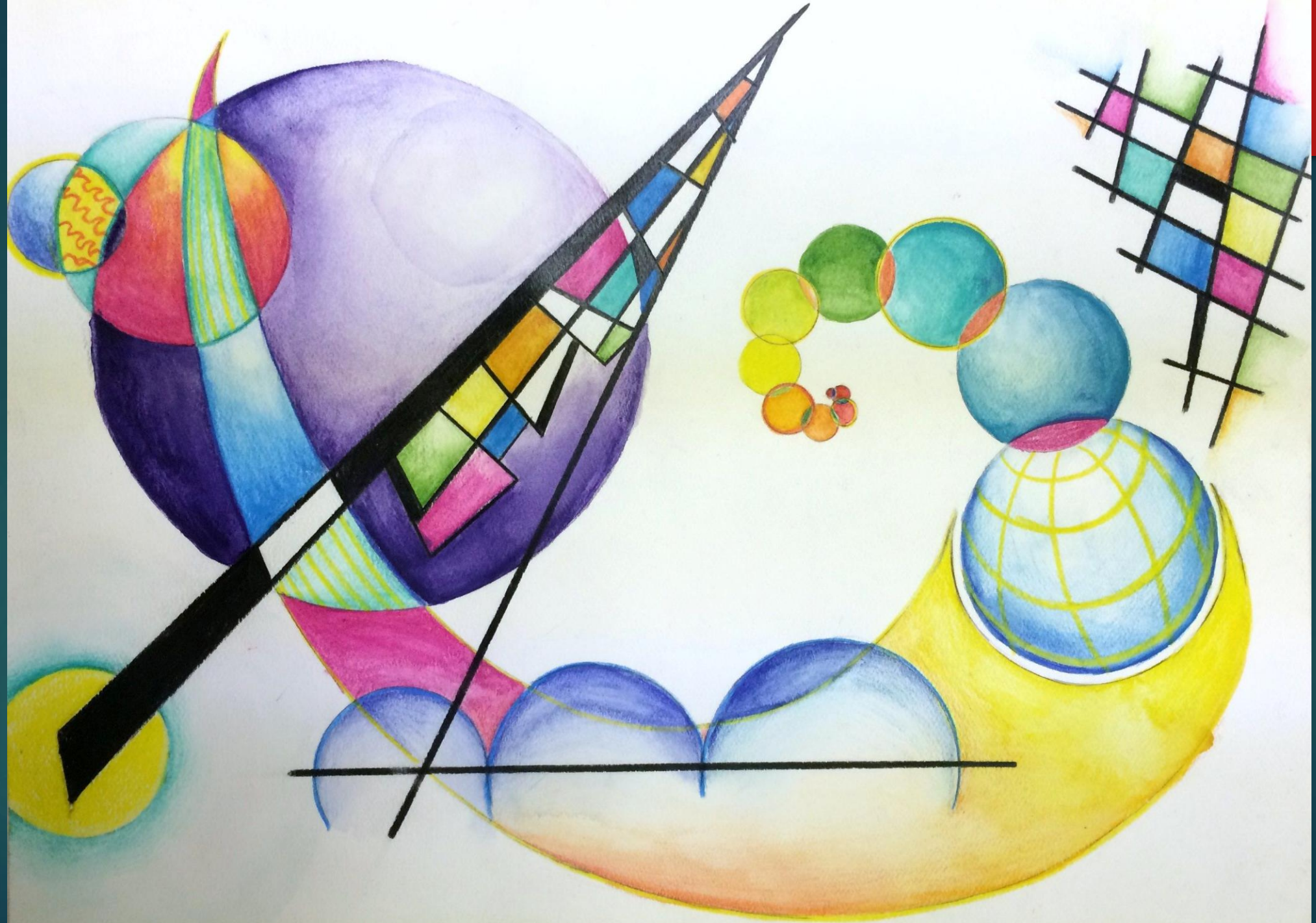
Vasili Kandinski

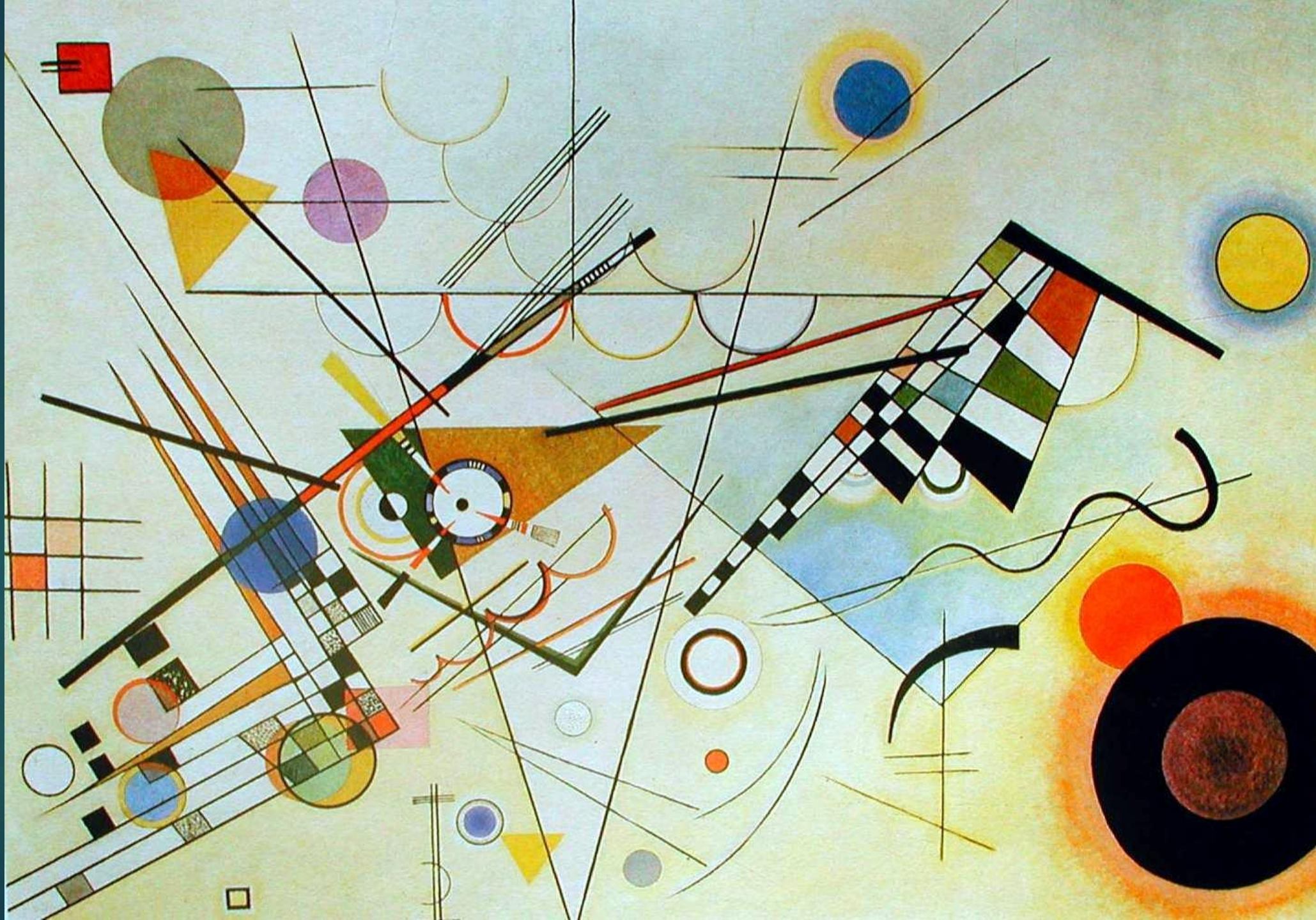
1914-1944









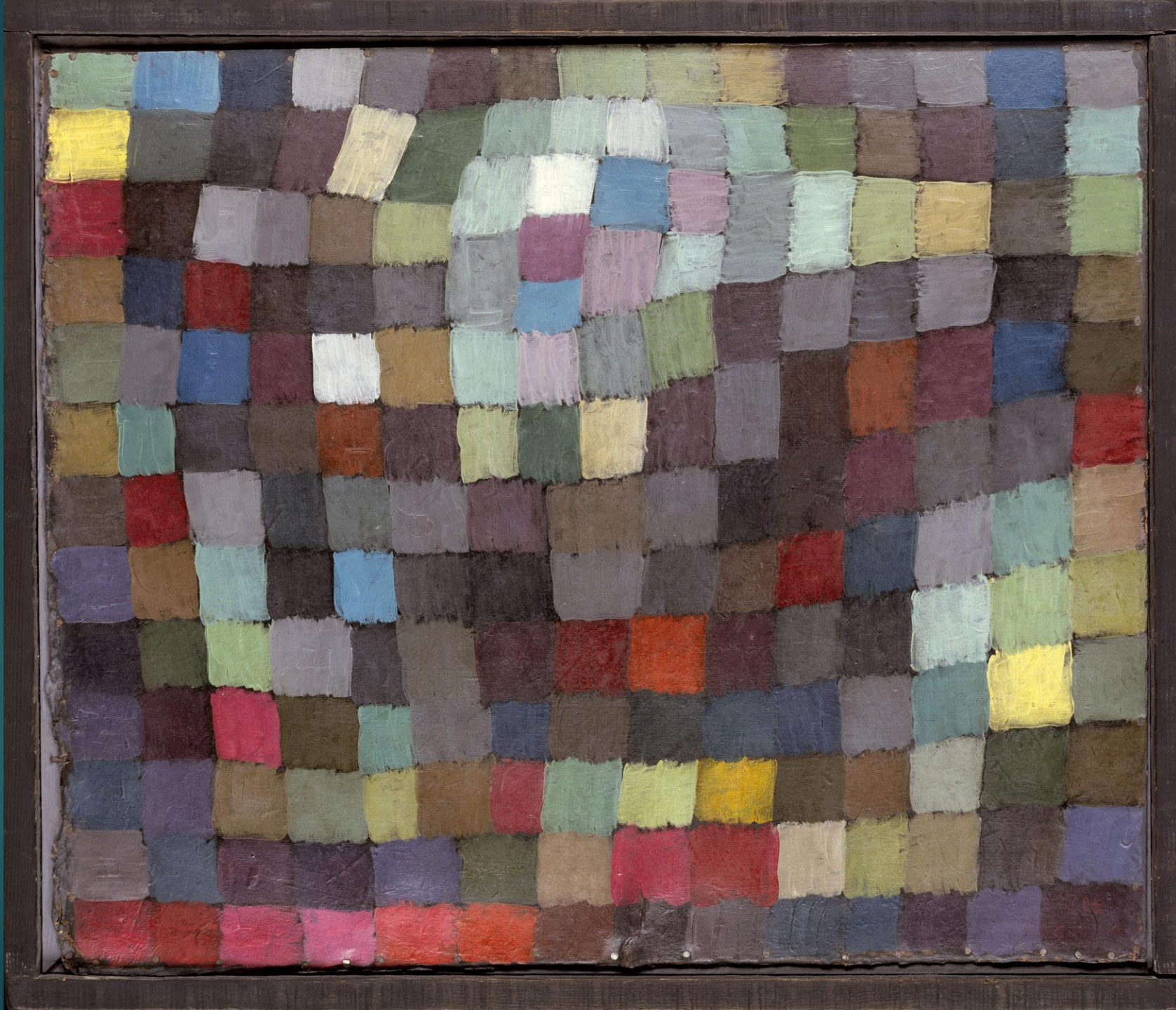


Paul Klee

1879-1940





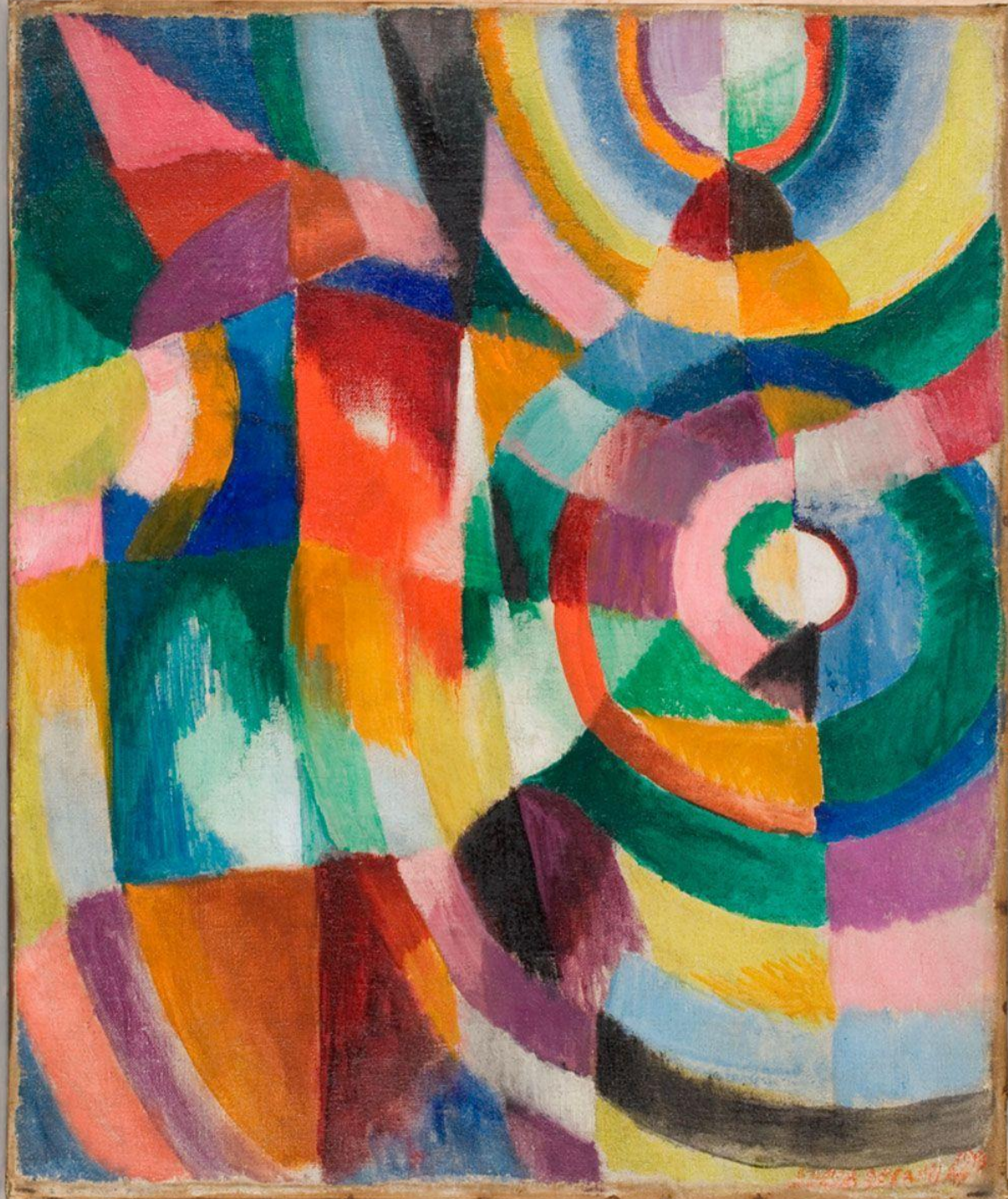






Sonia and Robert Delaunay

1910–1941 / 1885–1941









1938

Sonia Delaunay



W. Kandinsky

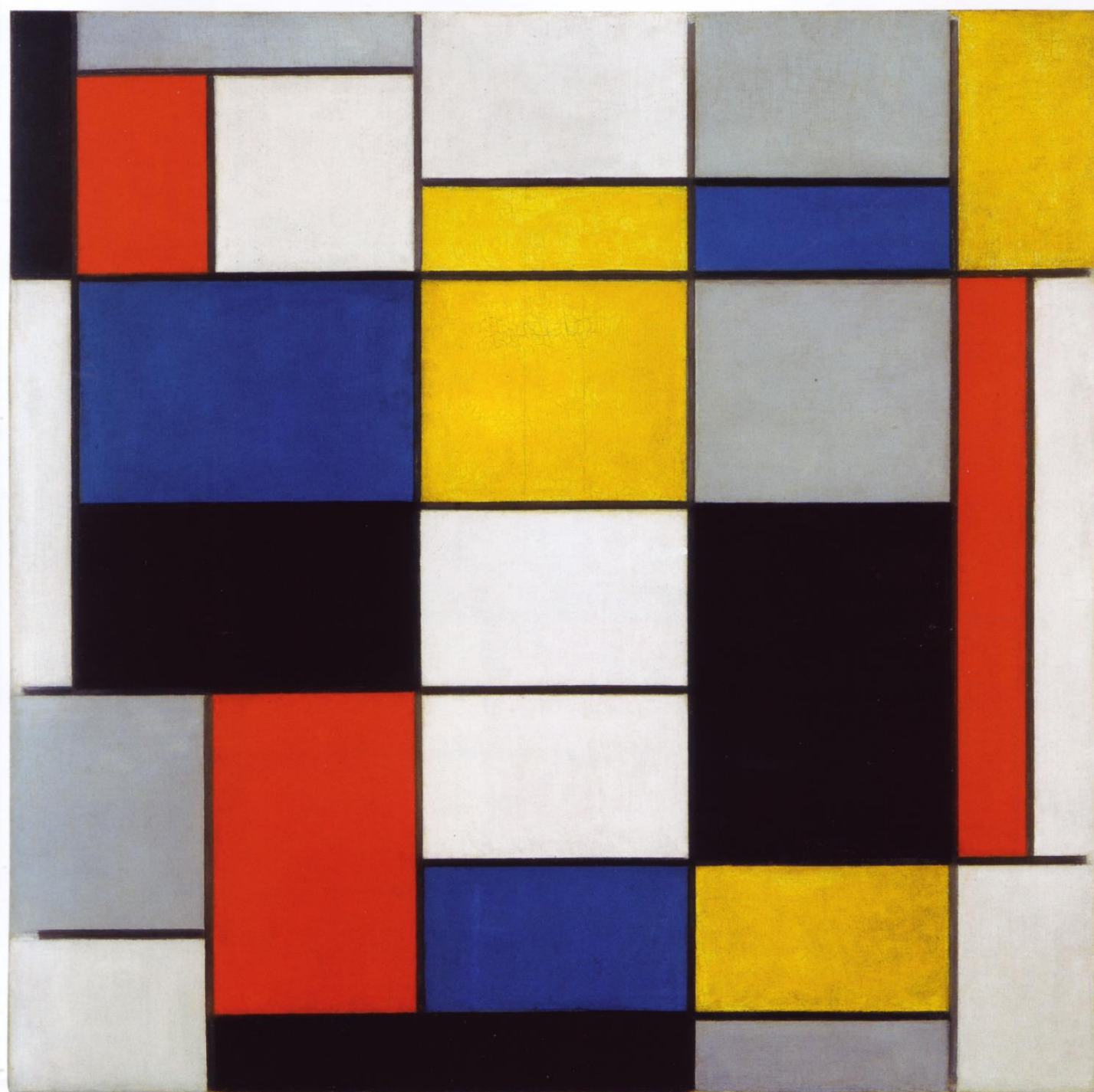


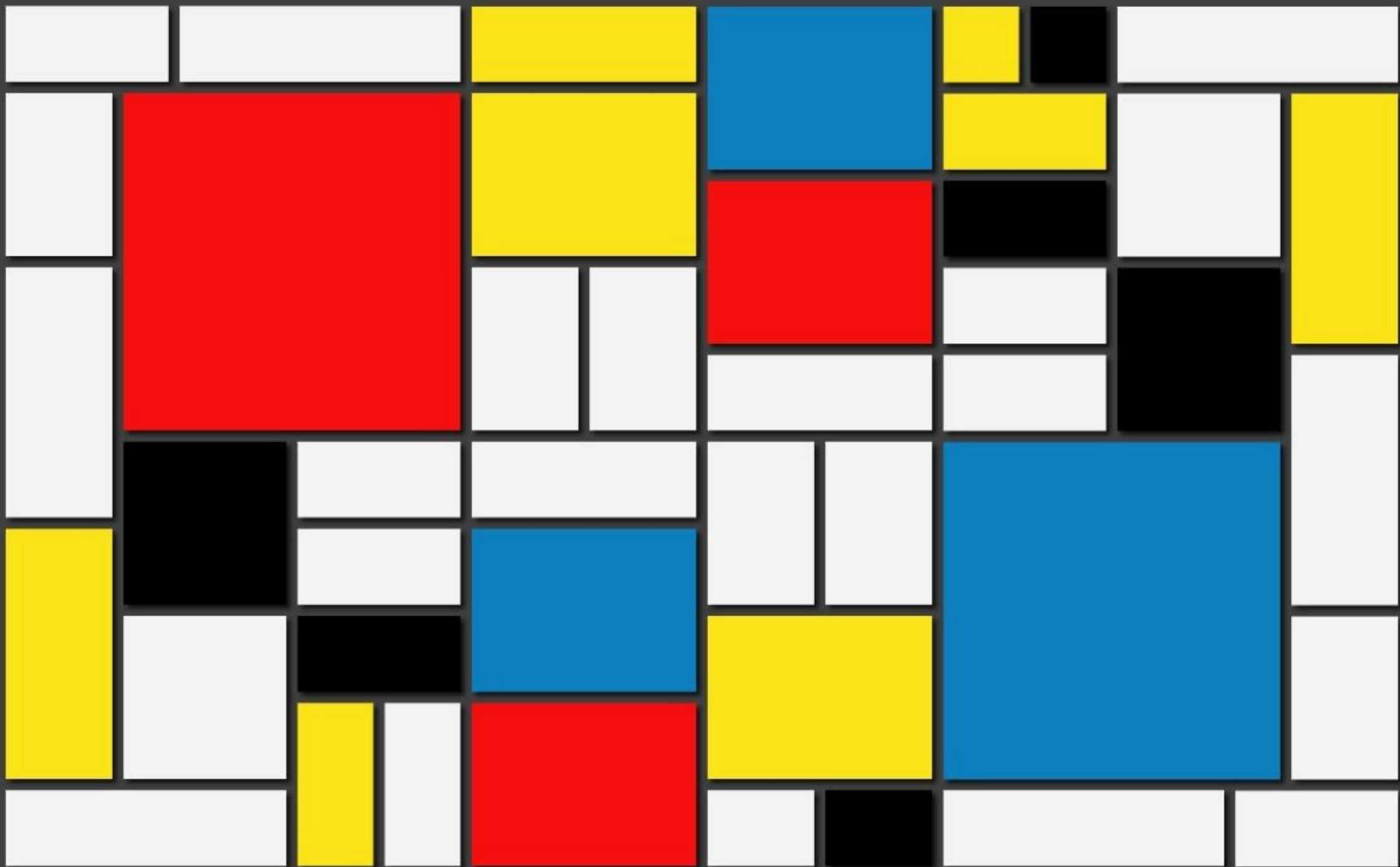


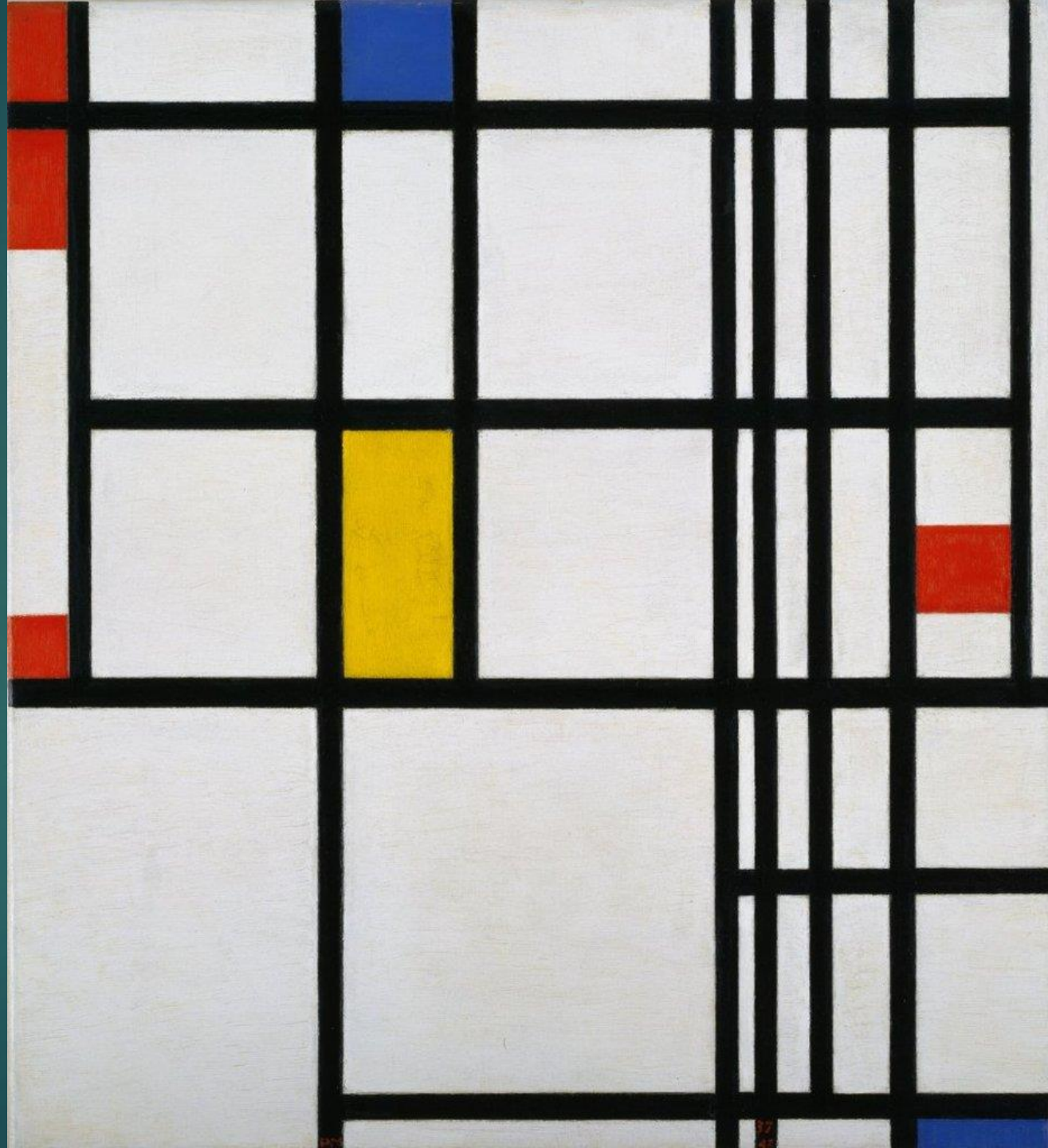


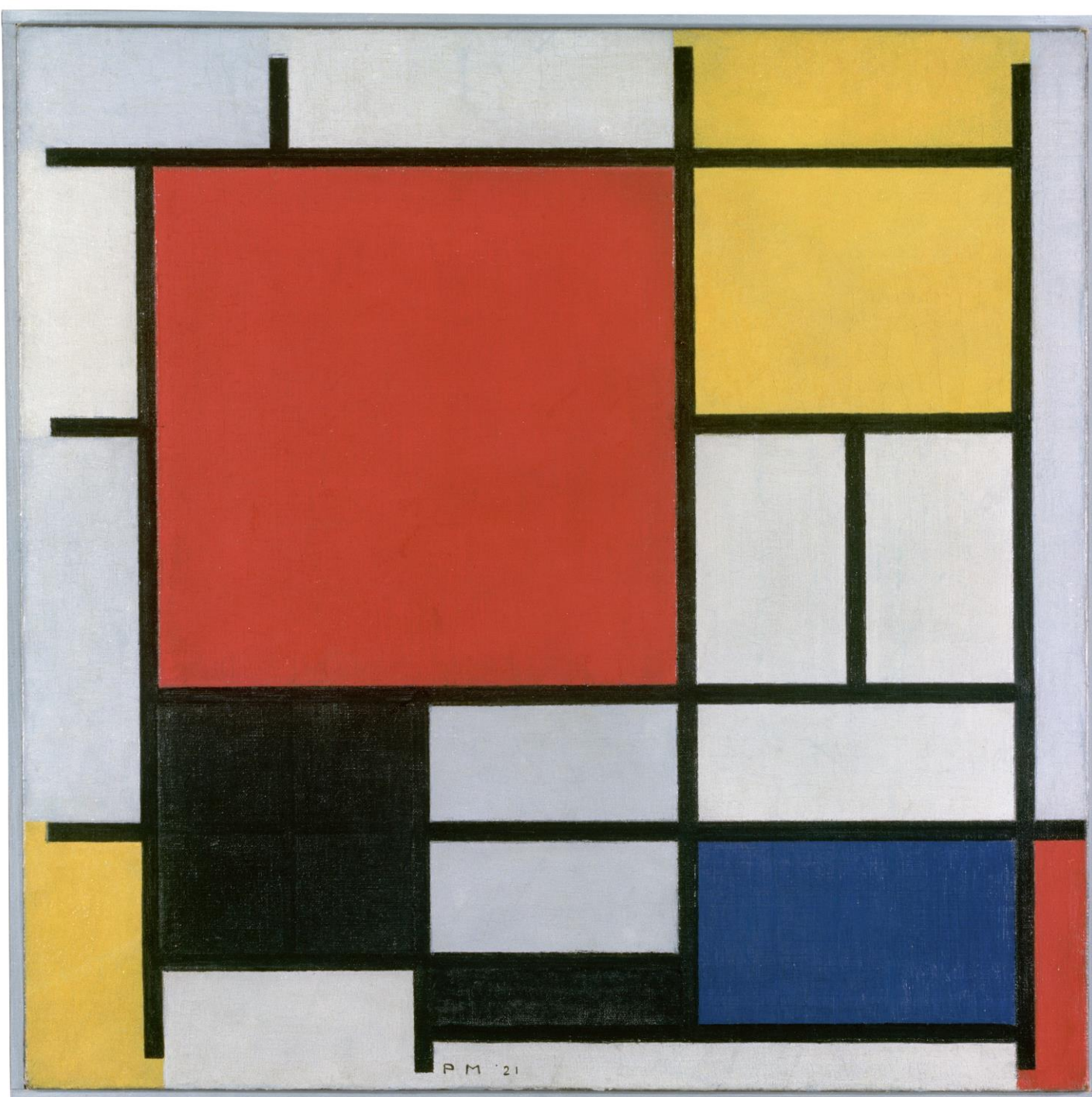
Piet Mondrian

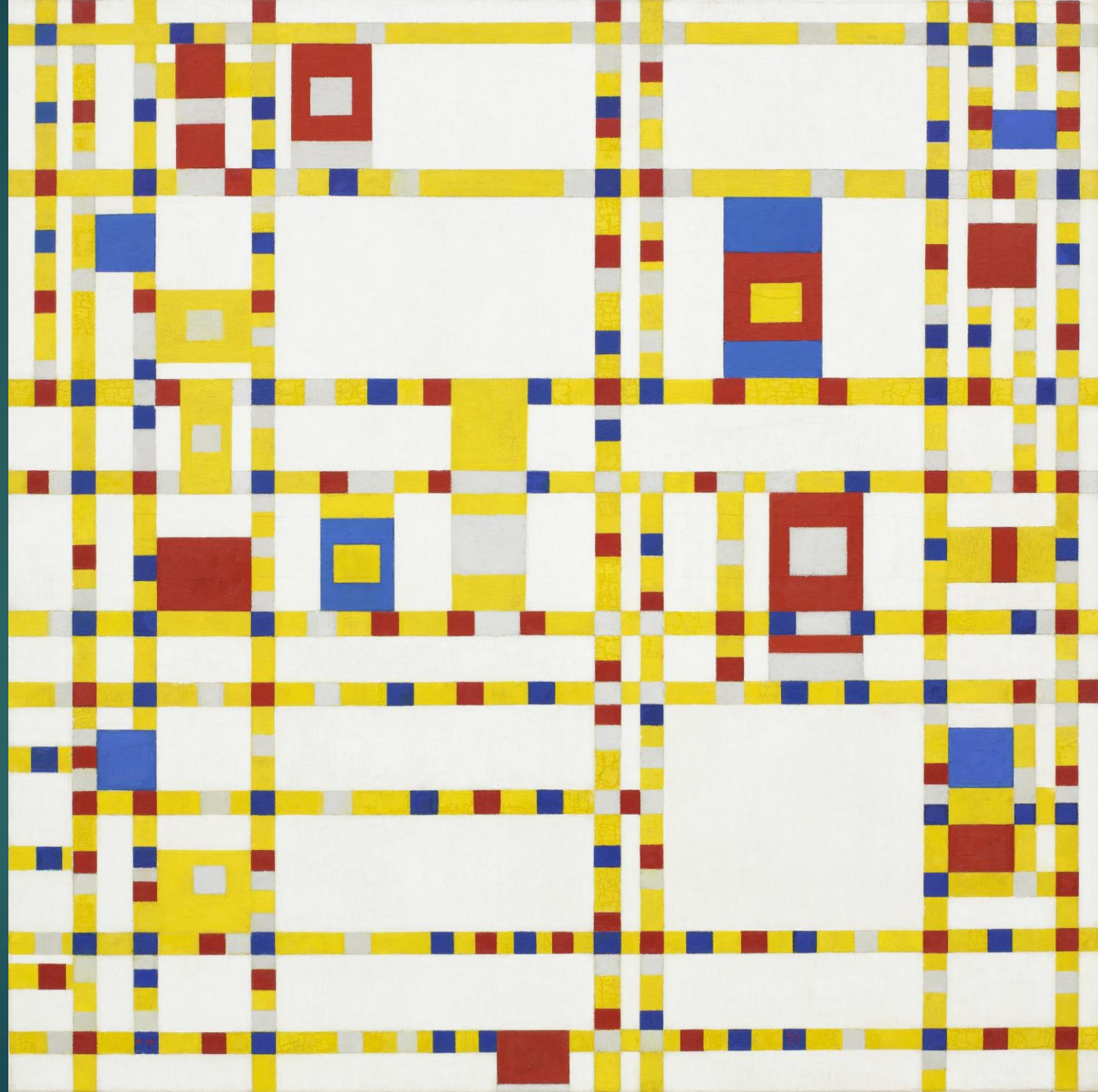
1872-1944











Okuda San Miguel

1980-











@OKUDART

...LOVEWINS









