

Fascinated by the phenomenon of flight, Da Vinci made detailed studies of the flight of birds and planned several flying machines, including a helicopter that operated with four men (but could not function because the body itself would rotate) and a lightweight glider. On January 3, 1496, he tested a homemade flying machine but failed. In 1490, Da Vinci sketched the concept of a segmental continuous automatic transmission. Today, Da Vinci's variable speed concept is actually used in modern forms in automobiles. In addition, segless continuous automatic transmission has also been used for many years in tractors, snowmobiles, scooters, etc.



Artist

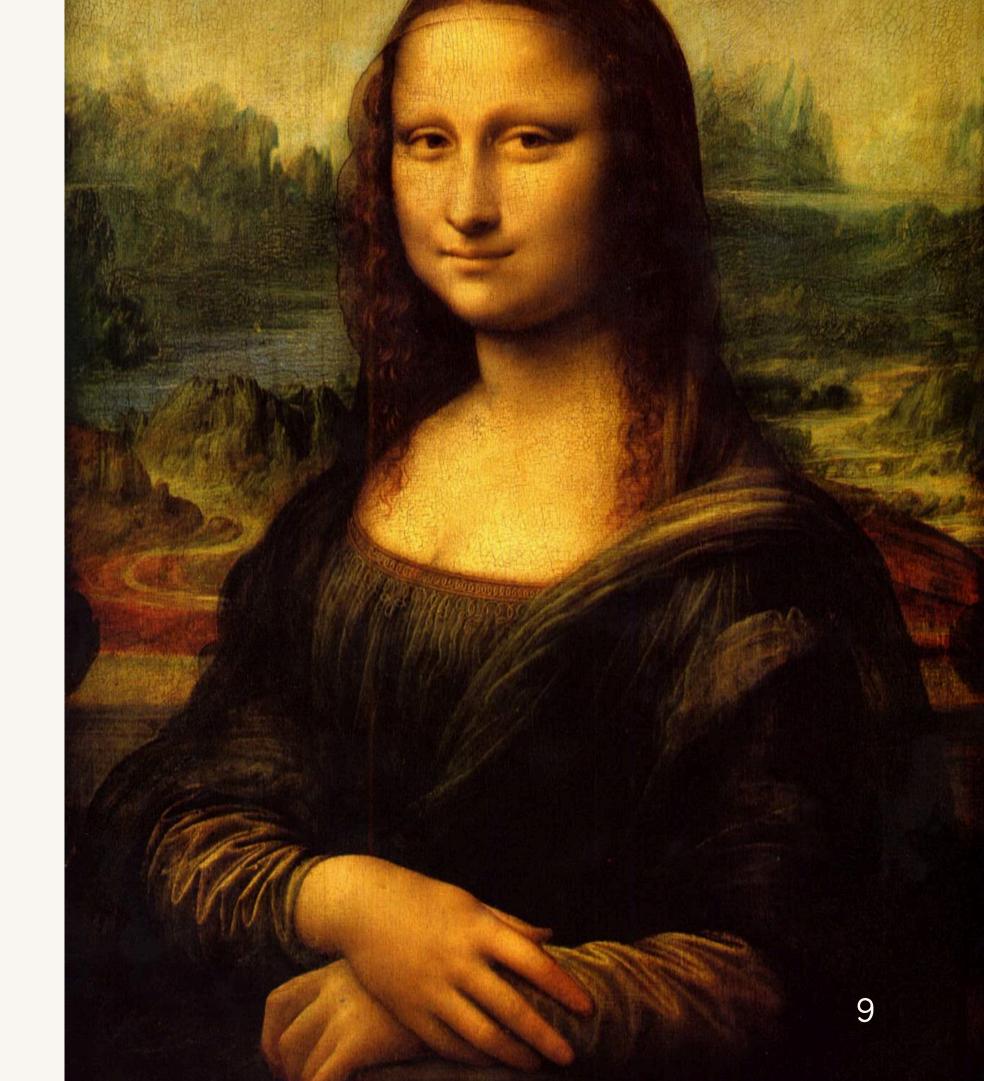
"The Last Supper" This is one of Da Vinci's most famous works, based on the last supper of Jesus and the twelve disciples in the Bible, and through the delicate expressions and gestures, it shows the different reactions of the disciples after Jesus said "one of you has betrayed me", which is known as the precursor of the Renaissance.

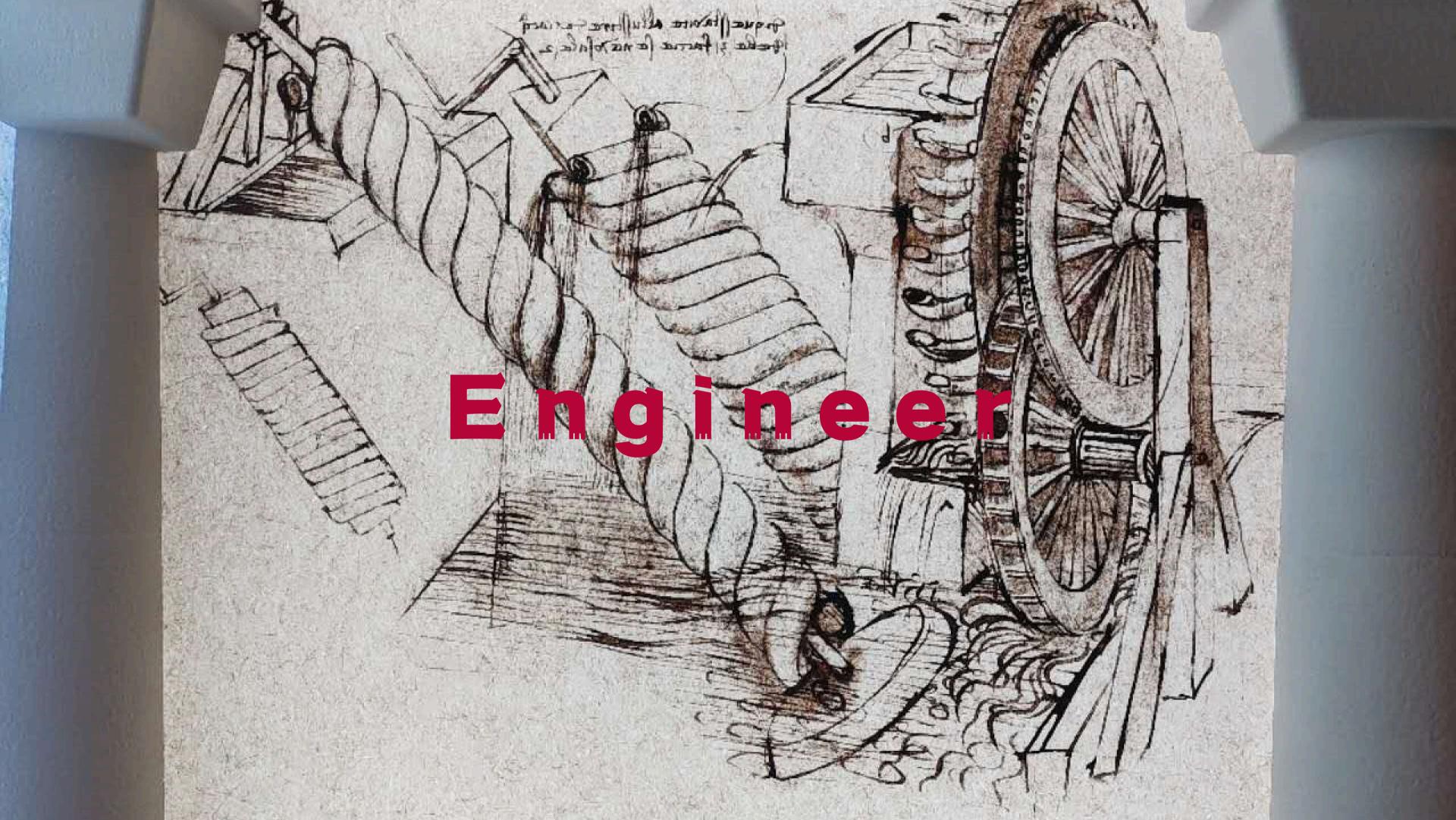


Artist

Mona Lisa

This portrait depicts Mona Lisa's smile in soft tones and delicate techniques, giving people rich associations and deep psychological feelings, and is one of Da Vinci's most famous masterpieces.

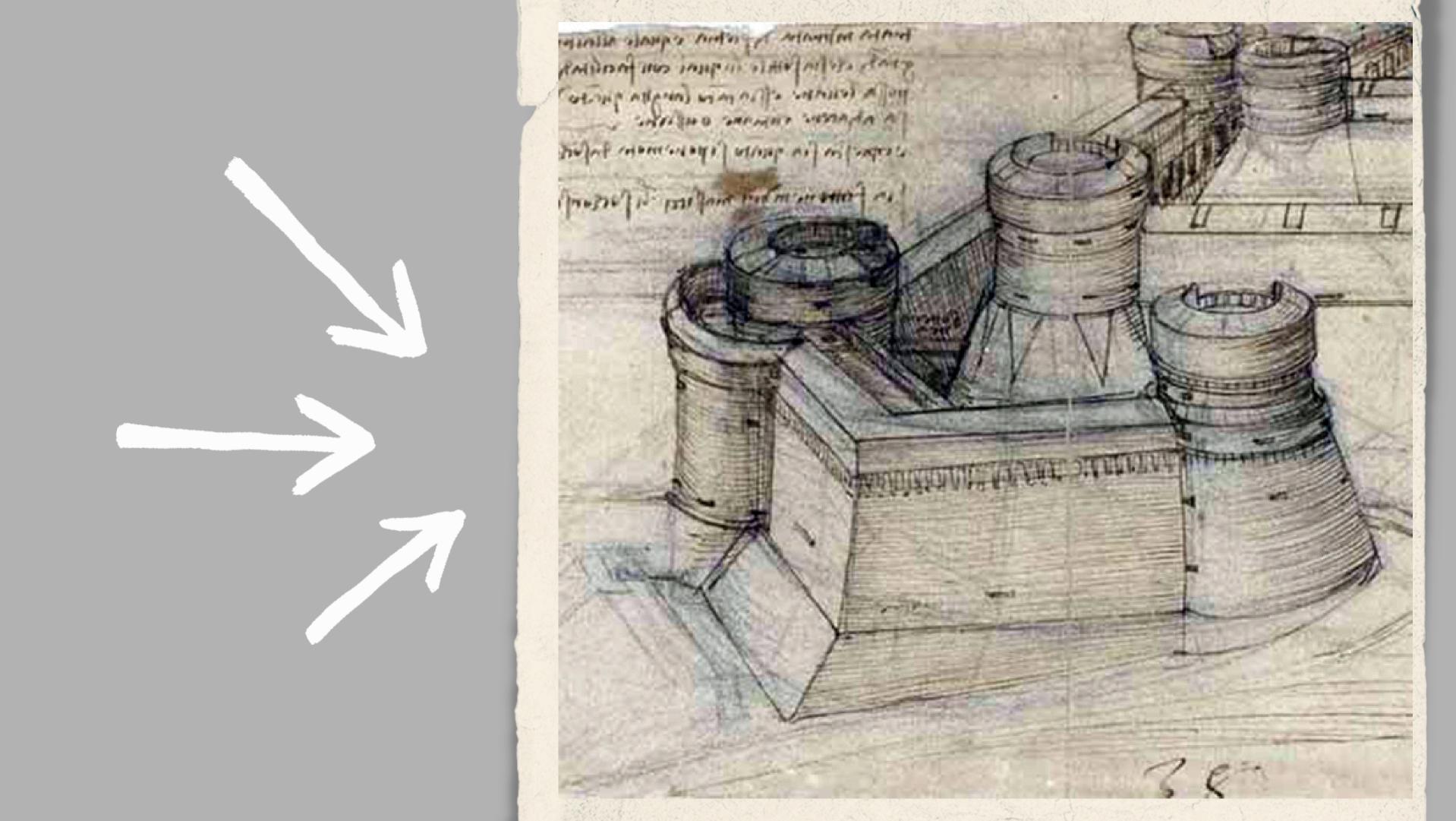


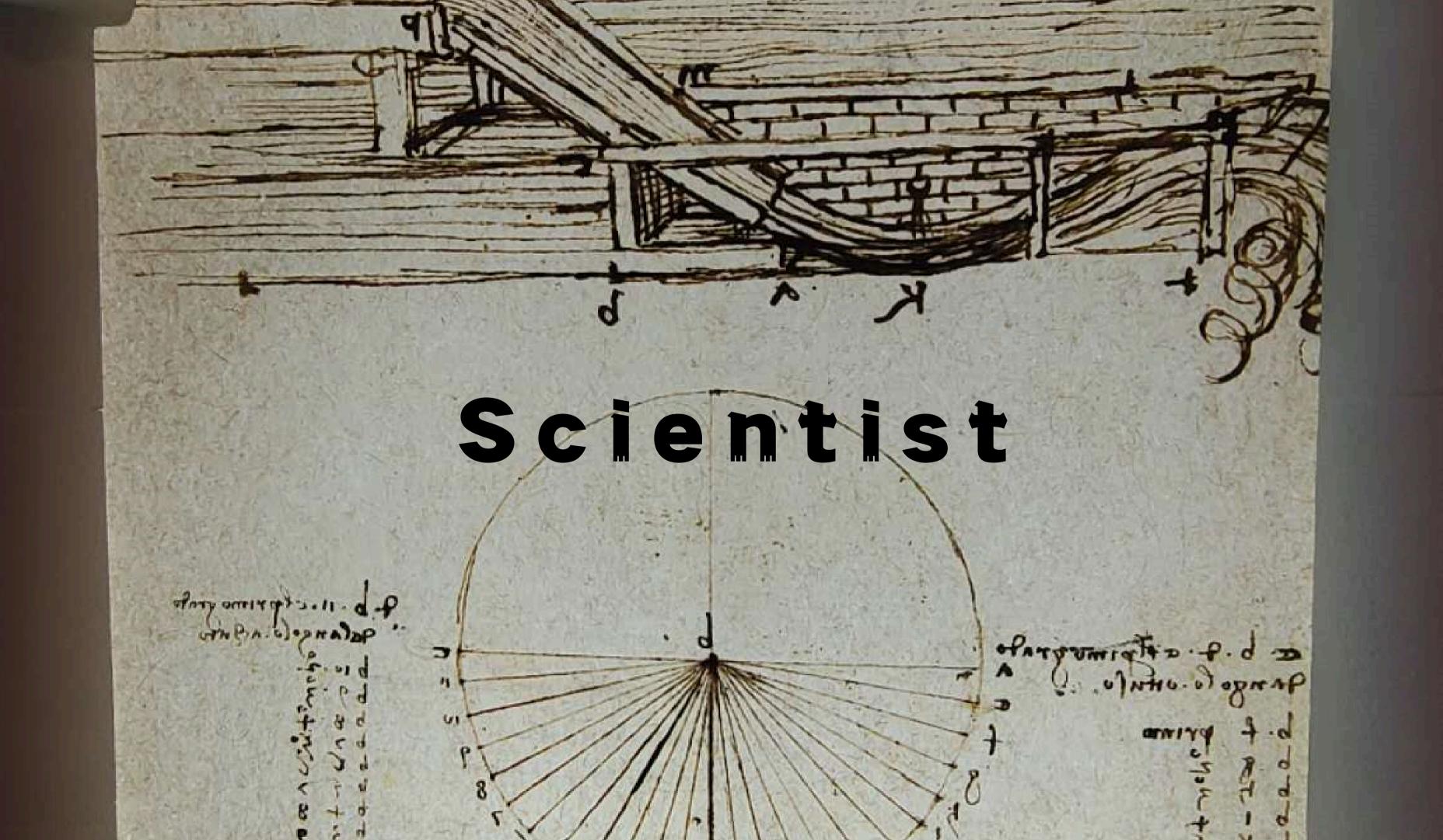


Engineer

In 1502, Da Vinci sketched a single 240 m (720 ft) span bridge for a civil engineering project of Ottoman Sultan Bayeset II of Istanbul. The design intended the bridge to span the Golden Horn Bay at the mouth of the Bosphorus. However, it was not implemented because Bayezet II considered it impossible to build. In 2001, based on Da Vinci's design, the Verbjorn Sandda Vinci Project put the bridge into practice in Norway in the form of a small bridge. On May 17, 2006, the Turkish government decided to build the Da Vinci Bridge in the field across the Golden Horn Bay to finally take shape.



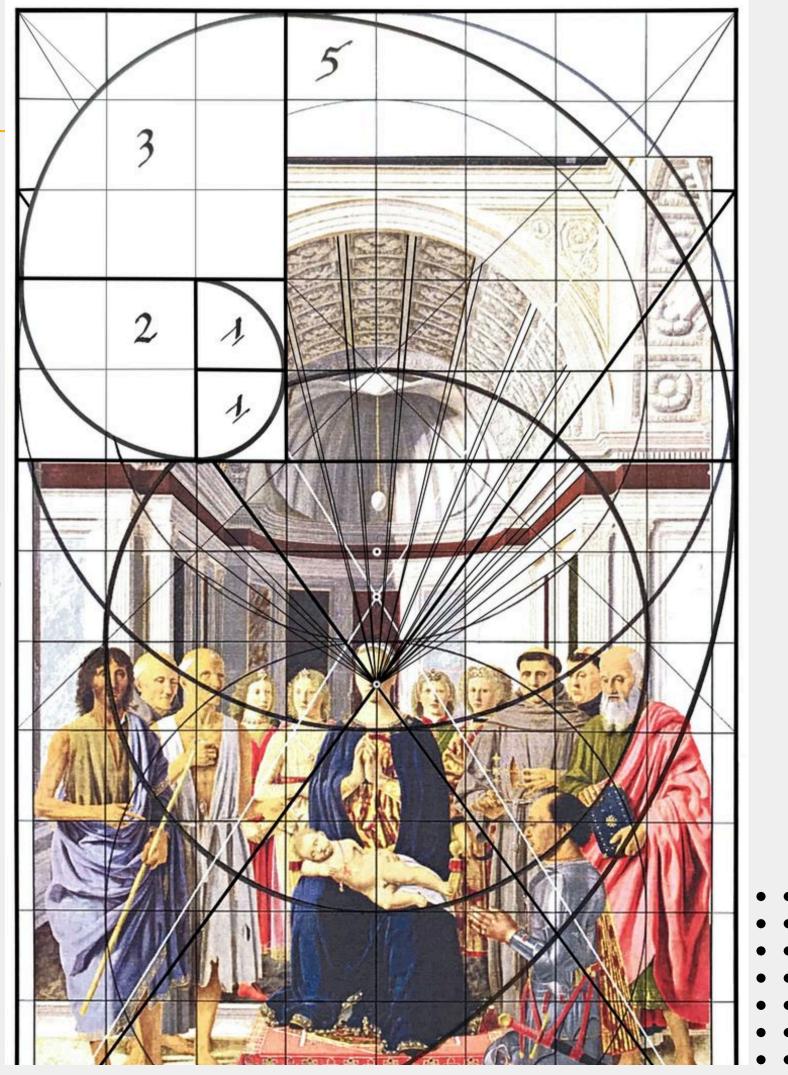


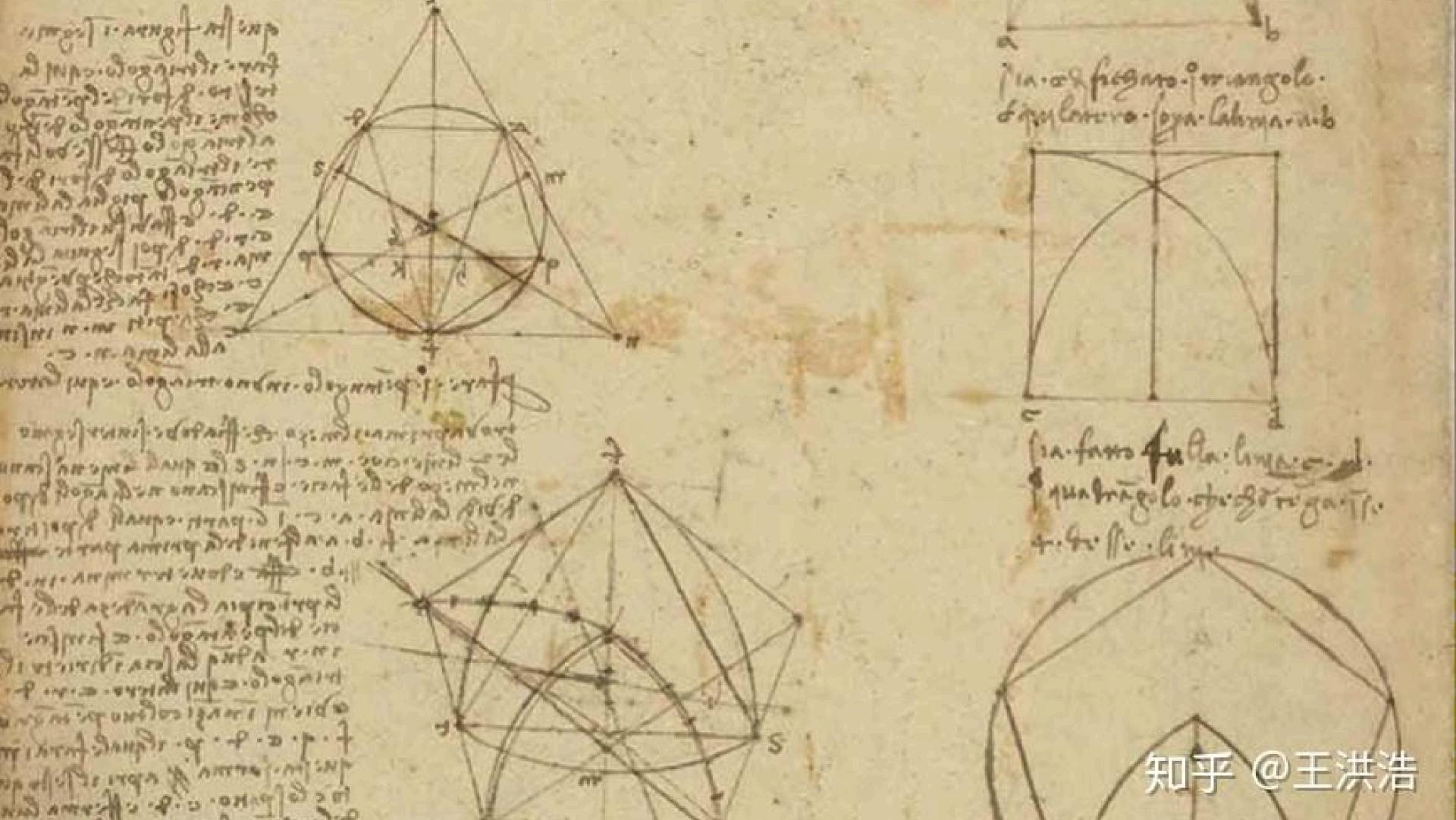


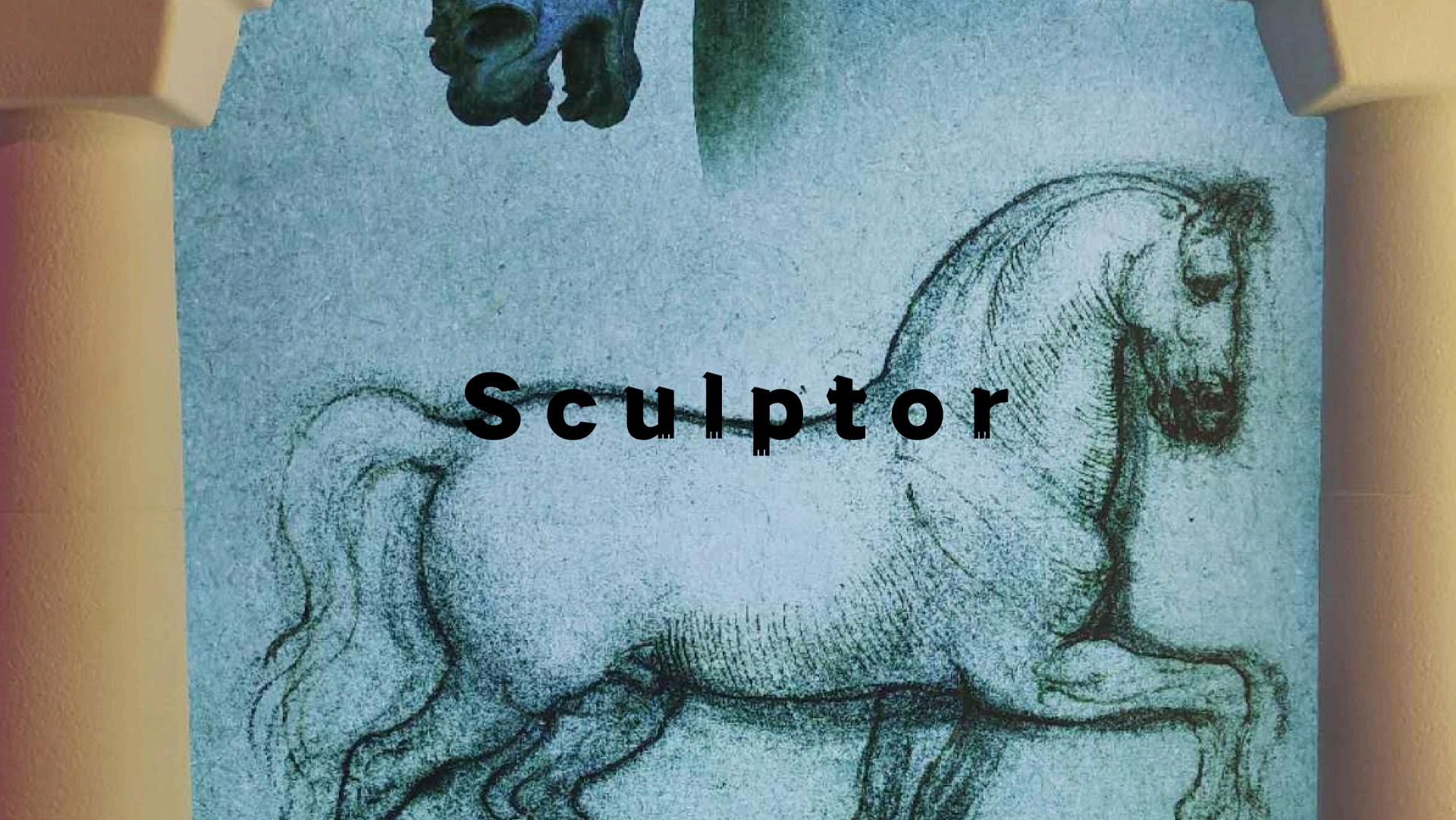


Math

Leonardo Da Vinci's work on geometry showed his talent for mathematics. His study of geometry is reflected in his paintings, especially in the application of perspective. He studied in depth the properties of conic curves, especially ellipses and hyperbolics. By using the principles of perspective, he creates paintings with depth and realism. He uses the principles of geometry to draw near and far, so that the objects in his paintings have a threedimensional sense of space. His work not only demonstrated his deep understanding of geometry, but also provided later artists with a mathematical perspective that broadened the expression of painting.







He was a sculptor, and the equestrian statue he made for the Grand Hall of Sforza was considered a masterpiece at the time. Bronze horse statue of the Grand Duke of Sforza, 1493, 23.5cm high

