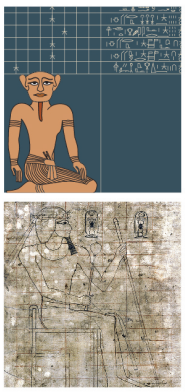
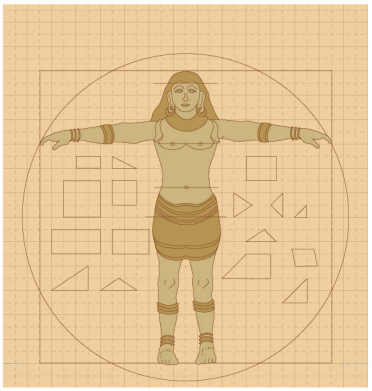
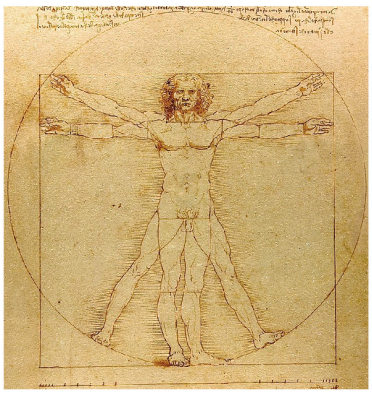
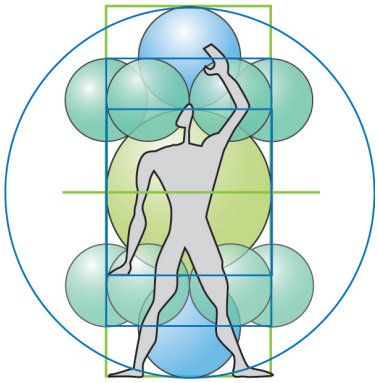
Geometry Divine Proportions

“3DThinking” Pages 67, 75, 77, 210 to 213: Ideas of “Divine Proportions” originated in the distant past. For the Pythagoreans whole numbers resonated throughout the cosmos in sacred music, in geometry and in number. For the Harrapans of the Indus Valley they found expression in fire altars of different shapes but of constant areas but also in the Vedas and in numerology. For the ancient Egyptians nighttime star charts heralded the arrival of the decan stars and whole numbers determined the proportions of almost every artistic and structural form. For DaVinci whole number divisions determined the divine proportions of human form. For Le Corbusier, the architect, golden ratio proportions were harmonious. The illustration shows: Egyptian Star Chart (whole number); Egyptian drawing grid (whole number); Indus Valley Uttaravedi Sky Altar proportions (whole number and whole number divisions of fire-altar bricks); DaVinci/Vitruvian/ancient Greek (whole number); Le Corbusier character combined with a Golden Sphere cluster (Spheres in 3D golden ratio proportions generated by the Dynamic Sphere Geometry). Ancient Egyptian and Greek based on idealized humans where the Uttaravedi is based on individual humans. In the examples shown all measurements are from the middle of the forehead at the hairline – the “third eye” of Hindu belief.