



CONRAD SHAWCROSS

Lattices

Shawcross continued his investigation into the geometry of the tetrahedron - conceptually and historically the symbol of an indivisible unit of matter. Amplifying his interest in abridging different disciplines and forms of knowledge production and with a further inquiry on discovering a four-sided shape that did tessellate, Shawcross consulted a topological mathematician. He then created left and right handed tetroids, six of which formed a cube, and forty eight of which in turn formed these exploded cubic structures. These irregular, four-sided, structured shapes form a latticed system which in theory can expand forever. These expanding cubes are like Eadweard Muybridge's photographs, capturing an explosion or rapid expansion outwards from a single point. In this regard they are linked to the *Perimeter Studies* and *Plosions* in their attempt to envision the Big Bang.