



ISTITUTO INTERNAZIONALE STUDI AVANZATI DI  
SCIENZE DELLA RAPPRESENTAZIONE DELLO SPAZIO

Geometria proiettiva, Geometria descrittiva, Rilevamento, Fotogrammetria

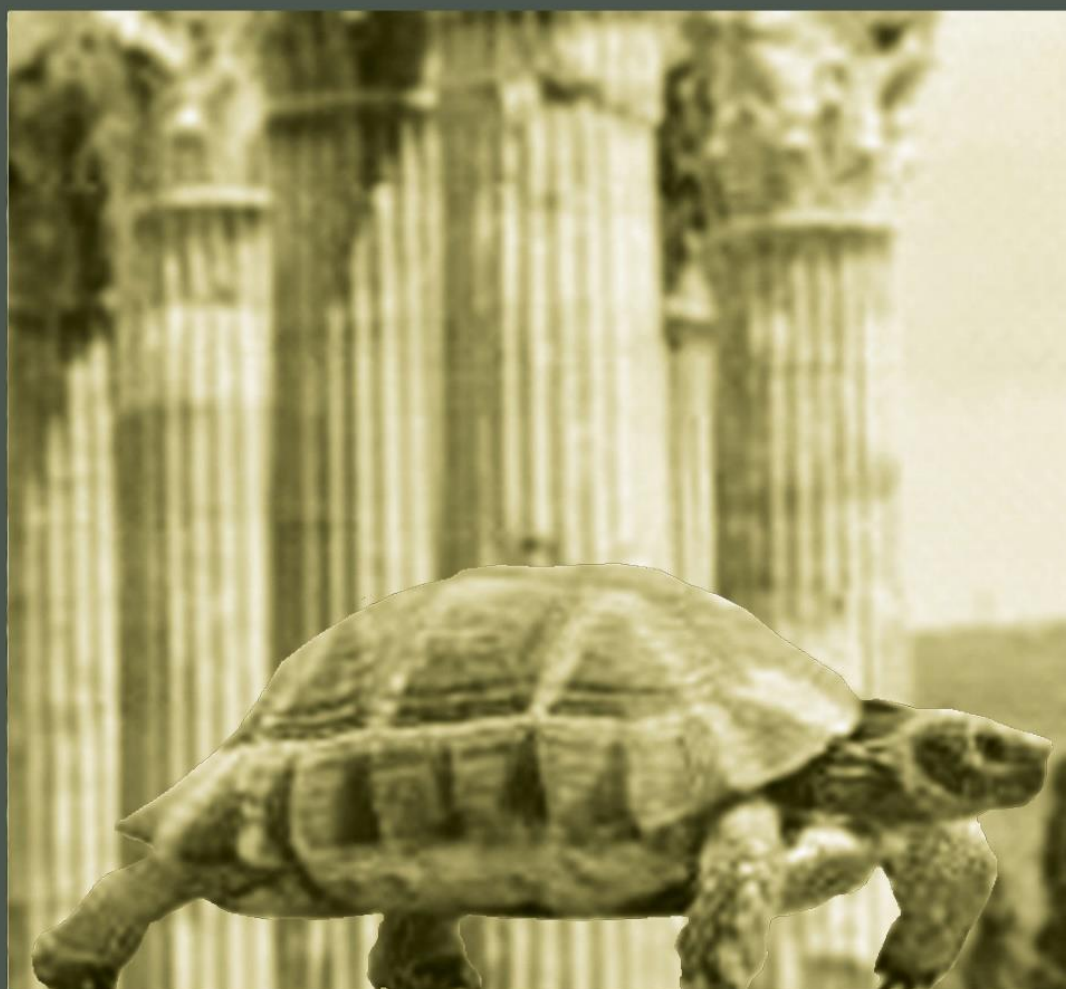
INTERNATIONAL INSTITUTE FOR ADVANCED STUDIES OF  
SPACE REPRESENTATION SCIENCES

Projective geometry, Descriptive geometry, Survey Photogrammetry

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THE FINITE SPACE-TIME OF THE MICROCOSM  
EXPLAINS THE PARADOX OF ACHILLE AND THE TURTLE



2020

**THE FINITE SPACE-TIME OF THE MICROCOSM  
EXPLAINS THE PARADOX OF ACHILLE AND THE TURTLE**

Due to curvature of space-time the enlargement and the reduction of the Euclidean space to infinity don't exist, but the inversion of the enlargement into reduction and vice versa exist.

Therefore the space-time of the Universe is continuous, but cannot be divided to infinity. Its curvature leads to the inversion of the forces expressed by space-time, that is to the bipolarity.

Even the gap between the two athletes must necessarily follow the conformation of space-time, because it is part of space-time.

So the gap between Achilles and the turtle is continually reduces until to overtaking, to grow progressively, allowing the famous athlete to win the race.