

Peano Curve 'properties':

- (i) The Peano curve is a similar object, but one dimensional higher on the one hand.
- (ii) it is a curve a continuous mapping from the interval $[0, 1]$.

iii) On the other hand it passes through all the points continuous in the ~~line~~ 2-D square $[0,1] \times [0,1]$. It is called a space-filling curve.