

Q. 1)

i. ~~(#)~~ HSV Color models

- (i) The (HSV) is a color model that is often used in place of the RGB color model in graphics and paint programs.
- (ii) In using this color model, a color is specified then white or black is added to easily make color adjustment.

ii. ~~(#)~~ Peano Curve: The Peano Curve is first example of a space-filling curve to be discovered by Giuseppe Peano in 1890.

ii Peano's Curve is surjective, continuous function from the unit interval onto the unit square, it is not injective.

(iii) Peano was motivated by an earlier result of Georg Cantor that these two sets have the same cardinality.

(iv) Because of this example, some
the phrase "penncurve" is used
more generally to any space
filling curve.

