

ane less than the number of ventrel pointy to me unnet have more than four points for autic Beziet auties.

for approximating the strape are to its fullaming properties.

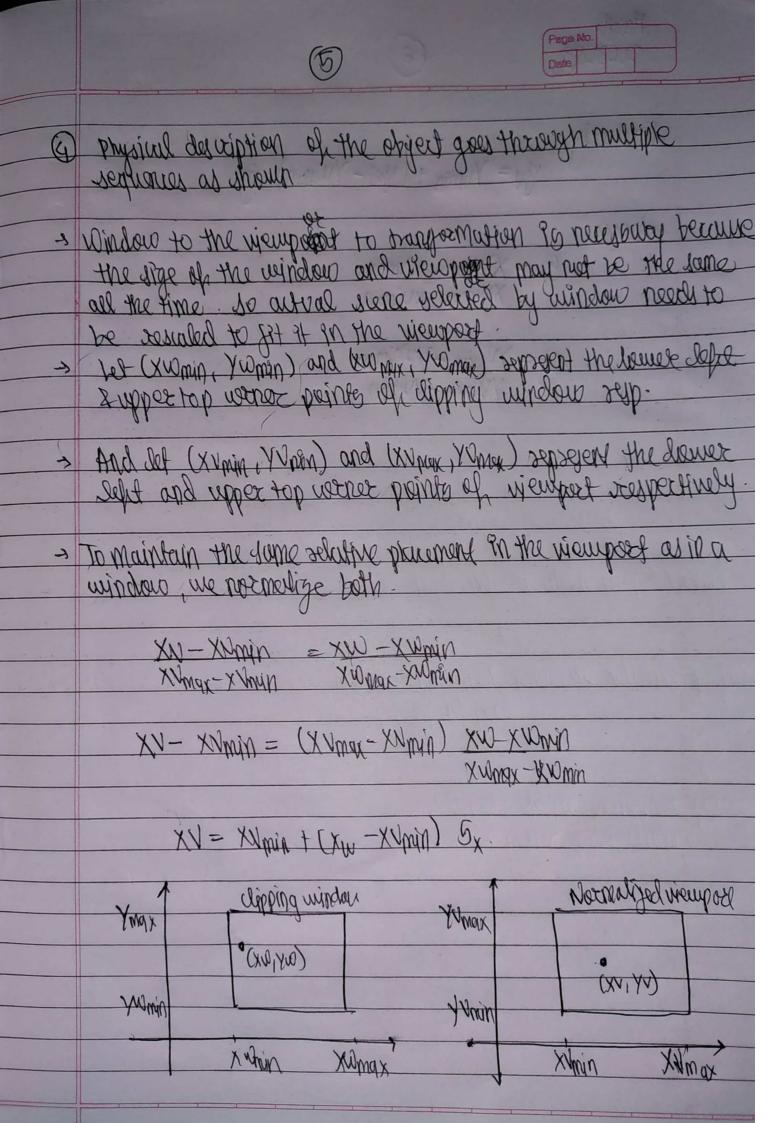
- > Degree of a polynomial po independent of a no of control points.
- > However, derivation and generational B-1pline are more jumples
 > Blending function (n+1) worksof pts.

P(t) = EP and alt) thin < t < three and 2 < d < n+

- paints
- > Blending f: 1) for B-spline were are defined using (ox-deboor

Bi, (t) = > 1 if ti < t < ti+1

 $B_{id}(t) = \frac{t-t_{i}}{t_{i}+d-1-t_{i}} \frac{(t)+t_{i}+d-t}{t_{i}+d-t_{i}+1}$ $(t) + t_{i}+d-t$ $(t) + t_{i}+d-t$ $(t) + t_{i}+d-t$



Page No. Similarly yv = Yumin + (yw - Ywnin) · 5y. where Gy = XVmgx - XVmin XWmgx - XVmin Gy = XVmax - Yvernin YWmax - Yvernin