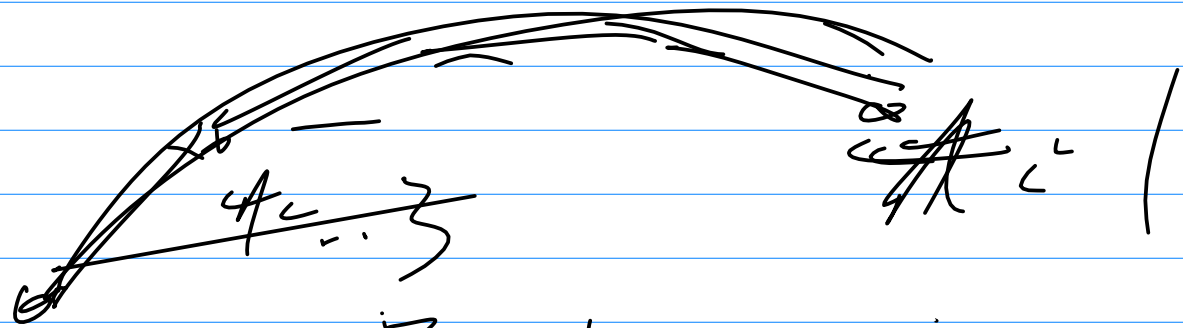


CG (2/5/17 p)



$A=0$

$x=$

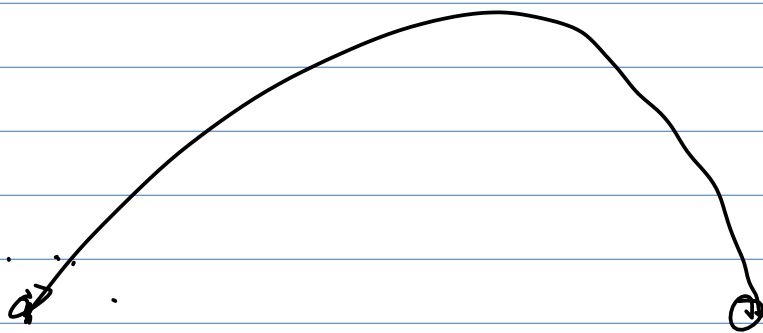
$$\sum_{k=0}^3 a_k x^k$$

BEZIER

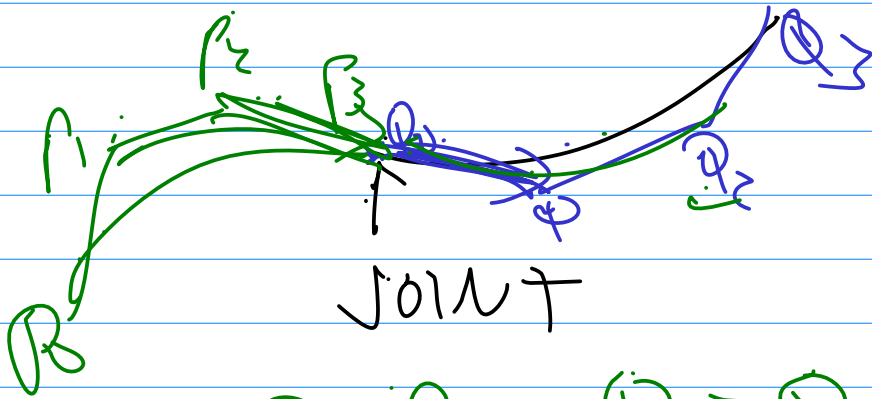
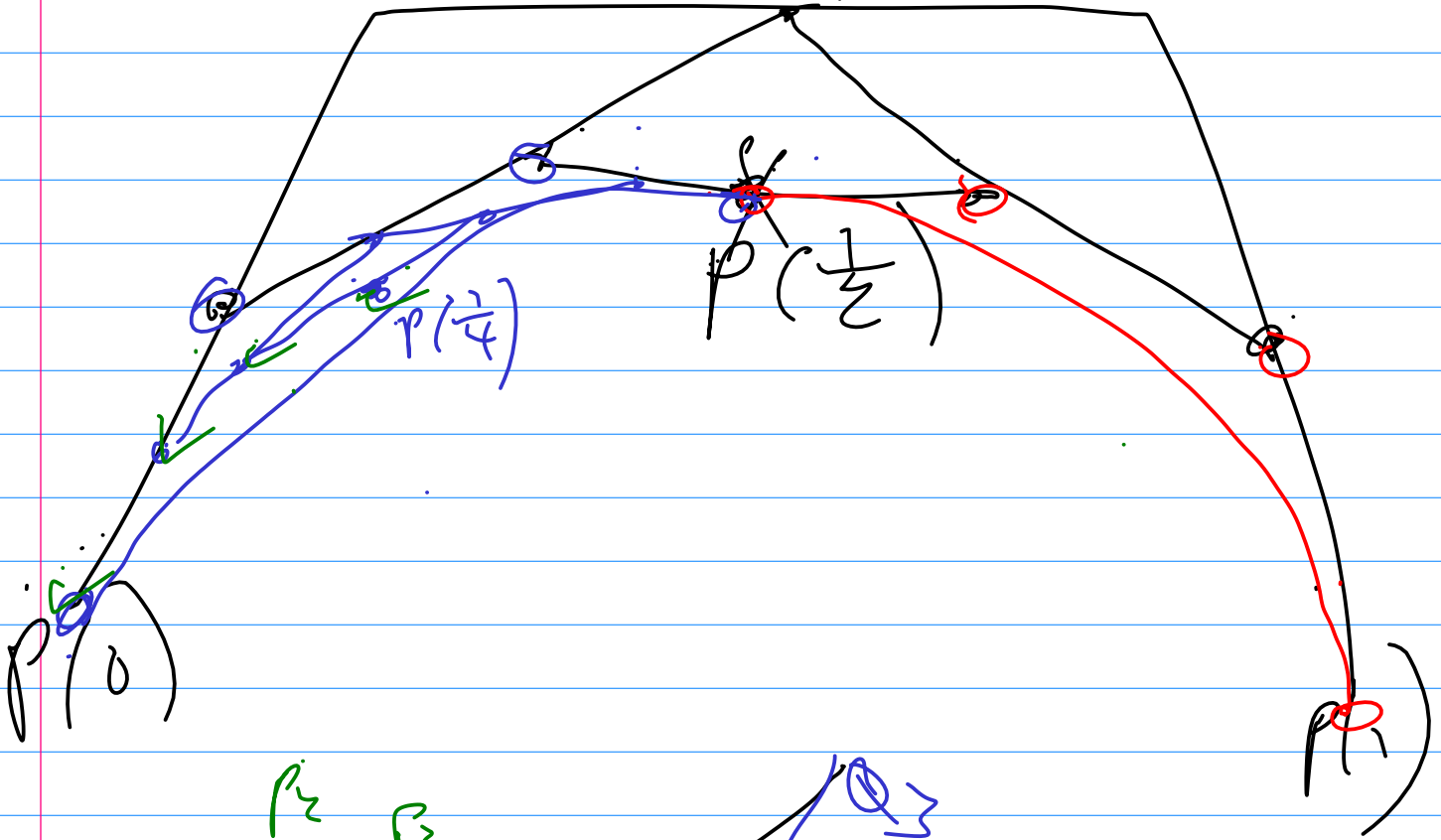
$$y = \sum_{k=0}^3 b_k x^k$$

0

1

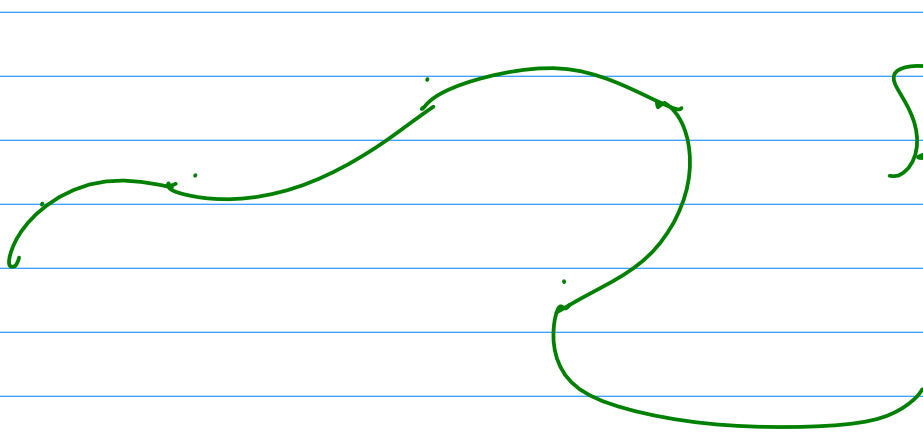


2



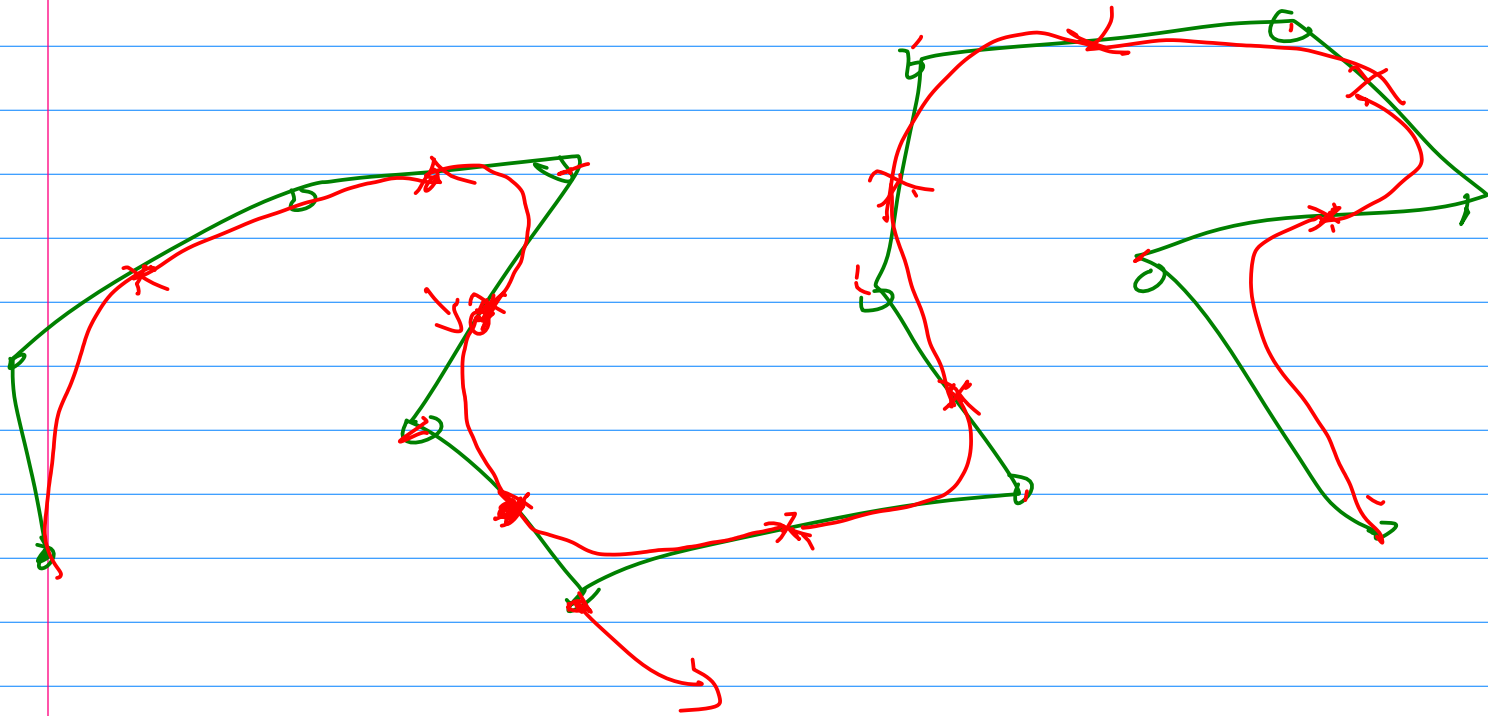
$$P_3 = Q_0$$

$$P_2 - P_3 = Q_0 - Q_1$$



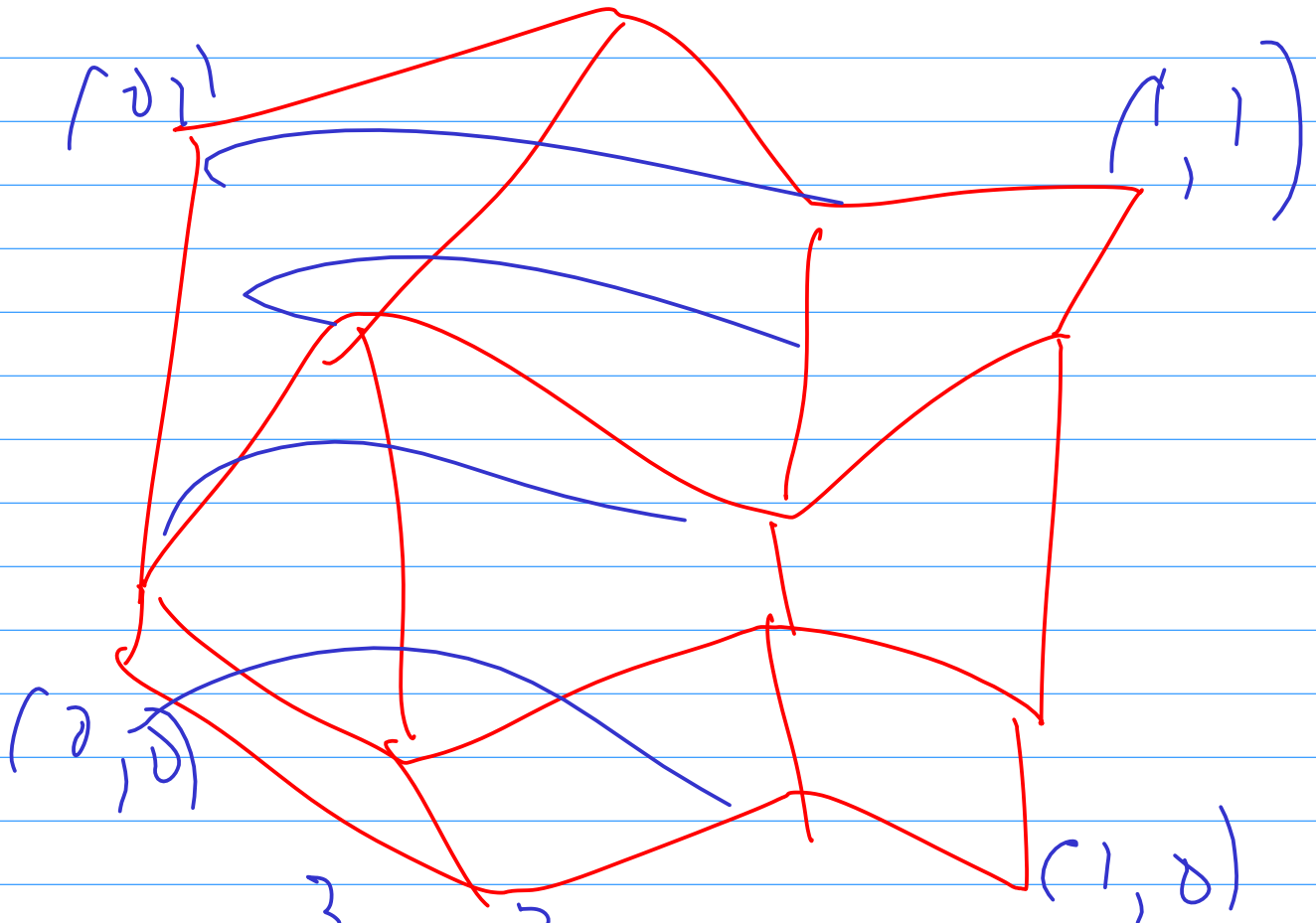
SPLINES

# QUADRATIC SPLINE 3



4x4

4



$$X = \sum_{I \in \mathcal{D}} \sum_{J \in \mathcal{D}} \varphi_{I,J} \mu^I \nu^J$$

5

