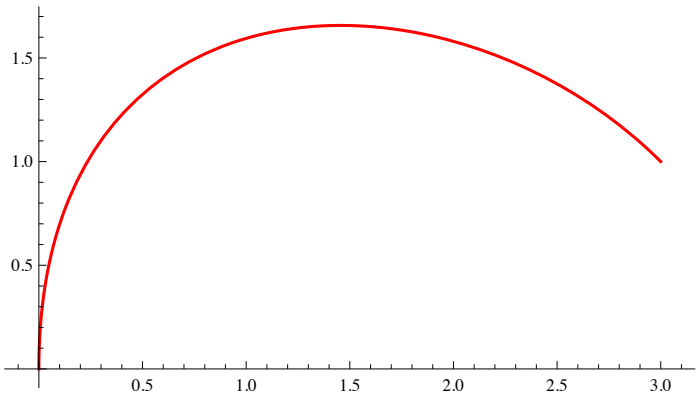
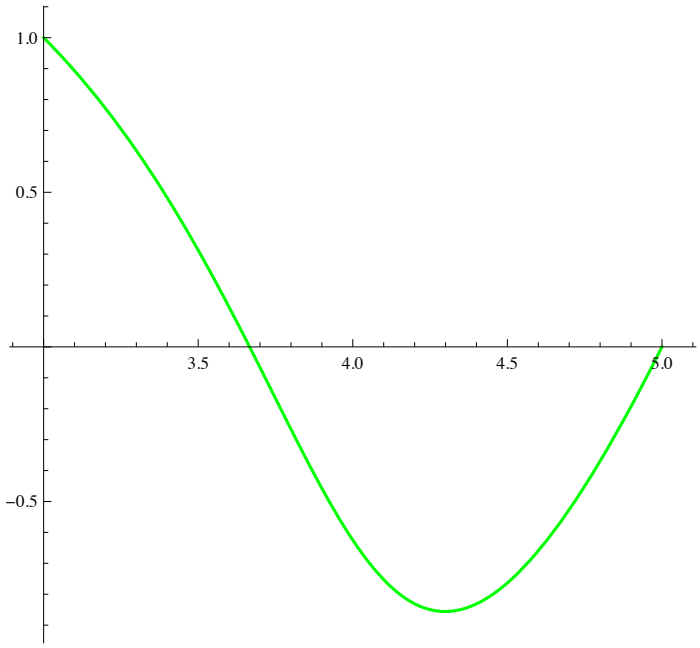
```
P[0] = {0, 0};
P[1] = {0, 2};

P[3] = {3, 1};

P[5] = {4, -2};
P[6] = {5, 0};


P[2] = 1 / 4 * P[1] + P[3] - 1 / 4 * P[5];
P[4] = -1 / 4 * P[1] + P[3] + 1 / 4 * P[5];


d = Graphics[{Purple, PointSize[Large], Point[2 * P[3] - 1 / 2 * P[1] - 1 / 2 * P[5]]}];
Boor = 2 * P[3] - 1 / 2 * P[1] - 1 / 2 * P[5];


Line1 = Graphics[{Blue, Dashed, Line[{P[2], Boor}]}];

Line2 = Graphics[{Blue, Dashed, Line[{Boor, P[4]}]}];

b[k_][t_] := Binomial[3, k] * t^k * (1 - t)^(3 - k)


Polig1 = Graphics[{Red, Line[Table[P[i], {i, 0, 3}]]}];

Polig2 = Graphics[{Green, Line[Table[P[i], {i, 3, 6}]]}];

Bez1 = ParametricPlot[∑_{k=0}^{3} b[k][t] P[k], {t, 0, 1}, PlotStyle → Red]
```



```
Bez2 = ParametricPlot[∑_{k=0}^{3} b[k][t] P[k + 3], {t, 0, 1}, PlotStyle → Green]
```




```
Show[Polig1, Bez1, Polig2, Bez2, d, Line1, Line2]
```