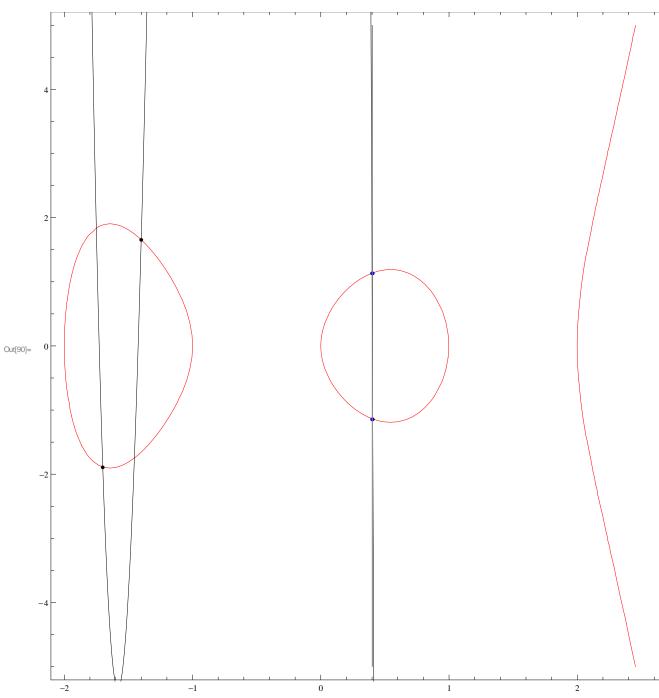
```
In[67]:= Clear["Global`*"]
 curveRHS = x^5 - 5x^3 + 4x; curve = curveRHS - y^2;
x1 = -1.7; x2 = -1.4; x3 = 0.4; x4 = 0.405;
y1 = y /. NSolve[{curve == 0, y < 0, x == x1}][[1]];</pre>
y2 = y /. NSolve[{curve = 0, y > 0, x = x2}][[1]];
y3 = y /. NSolve[{curve = 0, y > 0, x == x3}][[1]];
y4 = y /. NSolve[{curve = 0, y < 0, x = x4}][[1]];
P1 = \{x1, y1\}; P2 = \{x2, y2\}; P3 = \{x3, y3\}; P4 = \{x4, y4\};
Y = \{y1, y2, y3, y4\}; X = \{x1, x2, x3, x4\};
A = Transpose [{X^3, X^2, X, \{1, 1, 1, 1\}}];
 {a, b, c, d} = LinearSolve[A, Y];
polynome = a * x^3 + b * x^2 + c * x + d;
x5 = x /. NSolve[curveRHS == polynome^2][[5]];
x6 = x /. NSolve[curveRHS == polynome^2][[6]];
y5 = -y /. NSolve[{y = polynome, x = x5}][[1]];
y6 = -y /. NSolve[{y = polynome, x = x6}][[1]];
P5 = \{x5, y5\}; P6 = \{x6, y6\};
 xmin = -2; xmax = 3; ymin = -5; ymax = 5;
 p1 = ContourPlot[curve == 0, {x, xmin, xmax}, {y, ymin, ymax}, ContourStyle → Red];
 p2 = Plot[polynome, {x, xmin, xmax}, PlotStyle → Black];
 p3 = ListPlot[{P1, P2, P3, P4}, PlotStyle → Black, PlotMarkers → {Automatic, Tiny}];
 p4 = ListPlot[{P5, P6}, PlotStyle → Blue, PlotMarkers → {Automatic, Tiny}];
 p5 =
   \texttt{ContourPlot}[\{x = x5, x = x6\}, \{x, xmin, xmax\}, \{y, ymin, ymax\}, \texttt{ContourStyle} \rightarrow \texttt{Gray}];
Show[p1, p2, p3, p4, p5]
 \{\{x5, y5\}, \{x6, y6\}\};
 xa = x /. NSolve[curveRHS == polynome^2][[1]]
xb = x /. NSolve[curveRHS == polynome ^ 2] [[3]]
ya = -y /. NSolve[{y = polynome, x = xa}];
yb = -y /. NSolve[{y = polynome, x = xb}];
уa
 уb
 у1
 у2
```



Out[92]= -1.75021

Out[93]= -1.45327

 $\text{Out} [96] = \; \left\{\, -\, 1\, .\, 8\, 3\, 9\, 2\, 3\, \right\}$

Out[97]= $\{1.74673\}$

Out[98]= -1.8885

Out[99]= 1.65583