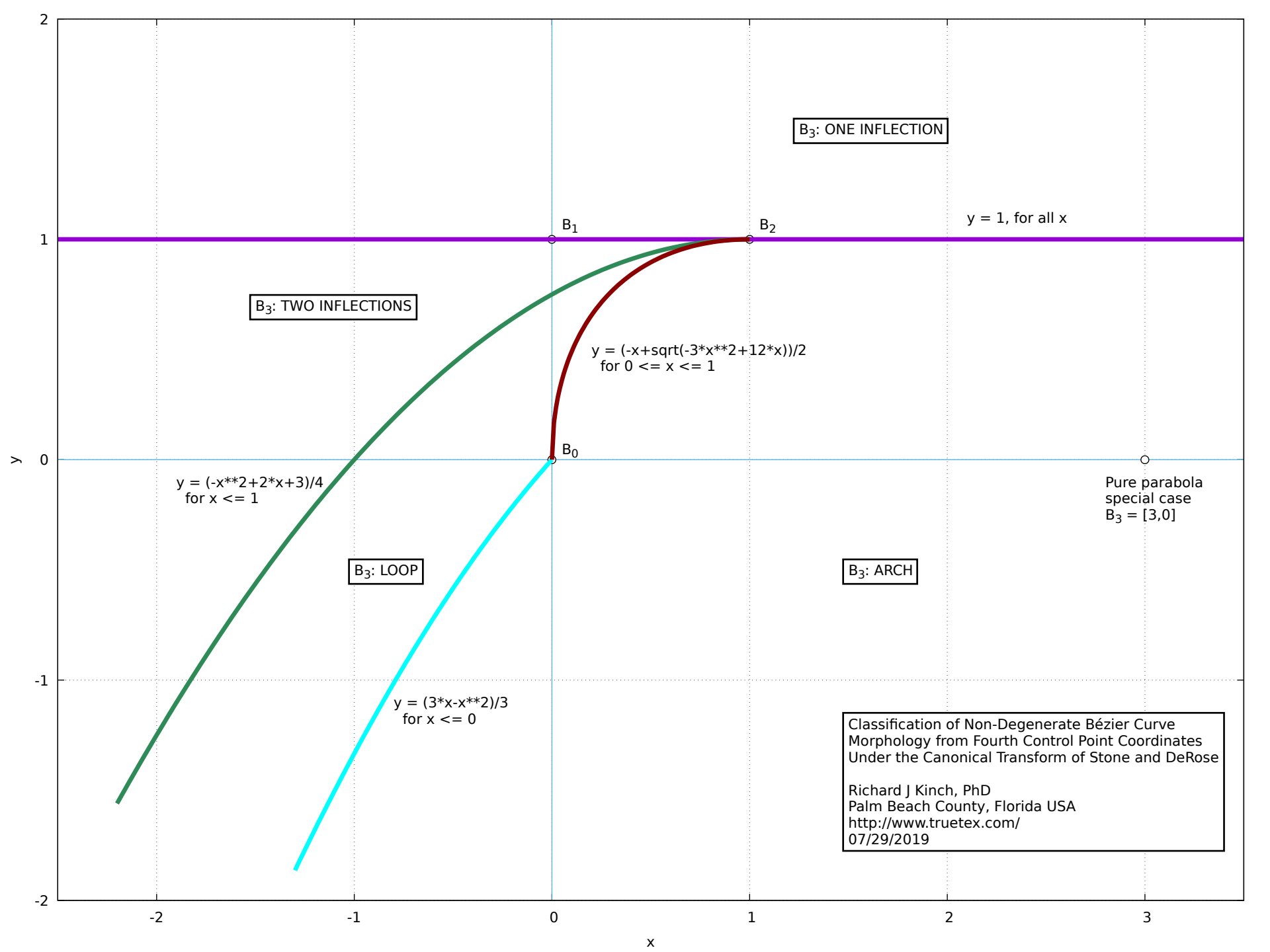
B3: ONE INFLECTION
y = 1, for all x
B1
B2
B3: TWO INFLECTIONS
y = (-x+sqrt(-3*x**2+12*x))/2
for 0 <= x <= 1
B0
y = (-x**2+2*x+3)/4
for x <= 1
Pure parabola
special case
B3 = [3,0]
B3: LOOP
B3: ARCH
y = (3*x-x**2)/3
for x <= 0
Classification of Non-Degenerate Bézier Curve
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Under the Canonical Transform of Stone and DeRose
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Palm Beach County, Florida USA
http://www.truetex.com/
07/29/2019
y
x
2
1
0
-1
-2
-2
-1
0
1
2
3