

Point of intersection

Source: <http://sci.tech-archive.net/Archive/sci.math/2008-03/msg04284.html>

- *From:* Dick <cheney4prez2008@xxxxxxxxxx>
 - *Date:* Mon, 31 Mar 2008 00:24:22 EDT
-

The parametric equations traces out a loop

$$x = 5 - (3/2)t^2$$

$$y = -(1/2)t^3 + 3t + 2$$

What are the values of t at which the curve intersects itself?

.