

# Re: Transcendental equation

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*Source:* <http://sci.tech--archive.net/Archive/sci.math/2006-01/msg04956.html>

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- *From:* David W. Cantrell <[DWcantrell@xxxxxxxxxxx](mailto:DWcantrell@xxxxxxxxxxx)>
  - *Date:* 30 Jan 2006 15:08:35 GMT
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"rjfmv" <[rjfm.vieira@xxxxxxxxxxx](mailto:rjfm.vieira@xxxxxxxxxxx)> wrote:

> I am trying to solve a transcendental equation of type  $\sin(x)=x$ , can  
> anybody give me a clue of how to do it? or give me an indication of  
> where to look for a solution

Unfortunately, saying "of type  $\sin(x)=x$ " is not being specific enough. Chip may have thought that you wanted to solve  $\sin(x) = x$  *itself* and so suggested that you "Look near  $x = 0$ ." Please clarify. Are you perhaps wanting the nonzero real solutions of equations of the form  $\sin(x) = c*x$  where  $c$  is a constant,  $|c| < 1$ ?

David

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- *Follow-Ups:*
  - ◆ ***Re: Transcendental equation***  
◇ *From:* rjfmv
  - ◆ ***Re: Transcendental equation***  
◇ *From:* G. A. Edgar
- *References:*
  - ◆ ***Transcendental equation***  
◇ *From:* rjfmv
- Prev by Date: ***Re: What is this notation?***
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