

# Re: f continuous on [a,b] and differentiable on (a,b)–

---

*Source:* <http://sci.tech–archive.net/Archive/sci.math/2006–01/msg00766.html>

---

- *From:* [ludolph@xxxxxxxx](mailto:ludolph@xxxxxxxx) (Lee Rudolph)
  - *Date:* 6 Jan 2006 20:39:03 –0500
- 

deniz.bahar@xxxxxxxx writes:

>One other question. It goes without saying that if a function is  
>differentiable on (a,b) it must be continuous on [a,b].

Indeed, it's often best to leave falsehoods unsaid.

Lee Rudolph

---

• **References:**

- ◆ ***f continuous on [a,b] and differentiable on (a,b)***  
    ◇ *From:* deniz . bahar
  - ◆ ***Re: f continuous on [a,b] and differentiable on (a,b)–***  
    ◇ *From:* JEMebius
  - ◆ ***Re: f continuous on [a,b] and differentiable on (a,b)–***  
    ◇ *From:* G. A. Edgar
  - ◆ ***Re: f continuous on [a,b] and differentiable on (a,b)–***  
    ◇ *From:* deniz . bahar
- 
- Prev by Date: ***Re: f continuous on [a,b] and differentiable on (a,b)–***
  - Next by Date: ***Re: Help with Permutations***
  - Previous by thread: ***Re: f continuous on [a,b] and differentiable on (a,b)–***
  - Next by thread: ***Re: f continuous on [a,b] and differentiable on (a,b)–***
  - Index(es):
    - ◆ ***Date***
    - ◆ ***Thread***