

# complexity of LP

---

*Source:* <http://sci.tech-archive.net/Archive/sci.math.num-analysis/2006-04/msg00066.html>

---

- *From:* Steve Borbash <[sink300@xxxxxxxxxxx](mailto:sink300@xxxxxxxxxxx)>
  - *Date:* Thu, 06 Apr 2006 00:46:45 -0400
- 

What is the state of the art in solving a linear program? I have heard of a result (from the 1980s I think) that says that the LP can be solved in time  $O(n^3 L)$  where  $n$  is the number of variables and  $L$  is the number of bits required to describe the instance. Is that still the sharpest result for the worst-case complexity?

.