

PHYSICAL REVIEW LETTERS

Manuscript No. _____

Date _____

First Author _____

We estimate the length of the manuscript as shown to the right. Guidelines for estimating the length are given at the end. [Manuscripts that we estimate to be within our page limits according to a quick count formula are marked "O.K." and are not given a line count.]

If the designation "O.K." is given, or the line count is 460 or less, there should be no problem with the manuscript's length. Note that any subsequent increase in the length may cause the manuscript to exceed the page limit and, if the manuscript is accepted, result in a request for cuts to the paper at a later stage.

Warning: If the count is between 460 and 500 (or would be with relettered figures) there is a greater uncertainty that the length limit of four journal pages will be met.

() Your manuscript is being sent to the referees but a shortened version (≤ 460) will be required if the paper is accepted.

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Note: The 460-line restriction also applies to any subsequent version of the manuscript; care should be taken when making modifications to stay within the allowed length. Revised manuscripts sent by conventional mail should be submitted in quadruplicate.

LINE COUNT (PRL one-column lines)

Title	_____
Bylines	_____
Receipt date	_____
Abstract	_____
PACS numbers	_____
Text (_____ characters/avg.author line) ×(_____ author lines)/55=	_____
Equations	_____
References	_____
Tables and Captions	_____
Figure Captions	_____
Figures (6 lines/inch)	_____
TOTAL	_____

For electronically submitted REVTeX compuscripts, the length estimate is based on the galley-format output. Note that page-composition requirements may add additional spacing.

Please supply any items checked below. Supplemental information may be enclosed.

- () Original printed manuscript or clear black-on-white reproduction (printed on one side of page).
- () Double-spaced (no more than 3 lines/in.) abstract, references, captions, manuscript.
- () Abstract of no more than 600 characters including spaces.
- () Original india-ink drawings or prints suitable for scanner-reproduction.
- () Copy of table suitable for scanner-reproduction.
- () Table and figure captions.
- () Byline changes Required Optional
- () Pages with equations printed or handwritten in ink, not pencil, of size and legibility that the symbols can be distinguished by a production keyboard.
- () A manuscript copy in which the type size is larger (< 90 characters/spaces per 6-in. line), for use in the composition process.

- FIGURE CHANGES Required _____ Optional _____
- () Numbered figures (Fig. 1, Fig. 2, etc.)
 - () Original Figure(s) with
 - _____ larger lettering and/or data symbols (relative to size of figure itself) so that figure may be scanner-reproduced at a _____-column width (for a savings of _____ PRL lines). In order to reproduce figure(s) _____ as indicated above, subscripts and superscripts must be enlarged to _____ in height and all other lettering _____ in height.
 - _____ finer and/or larger lettering to prevent its filling in when figure is scanner-reproduced. Minimum lettering size for the enclosed figure is _____.
 - _____ lettering and lines that are not blurred, faded, broken, or smudged.
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MANUSCRIPT COMMENTS:

None

ADDITIONAL COMMENTS:

None

Enclosures: D Memo Manuscript Type Size Author's Original Figure(s) Byline Memo