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<sup>1</sup>A.O.(Author One) and A.T. (Author Two) contributed equally to this work (remove if not applicable).

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the \begin{figure\*}...\end{figure\*} environment. Figures wider than one column should be sized to 11.4 cm or 17.8 cm wide. Use \begin{SCfigure\*}...\end{SCfigure\*} for a wide figure with side captions.

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Please note that this option may run into problems with floats and footnotes, as mentioned in the cuted package documentation. In the case of problems with footnotes, it may be possible to correct the situation using commands \footnotemark and \footnotetext.

$$(x+y)^3 = (x+y)(x+y)^2$$
  
=  $(x+y)(x^2 + 2xy + y^2)$   
=  $x^3 + 3x^2y + 3xy^3 + x^3$ . [1]



Fig. 1. Placeholder image of a frog with a long example caption to show justification

Table 1. Comparison of the fitted potential energy surfaces and ab initio benchmark electronic energy calculations

Species	CBS	CV	G3
Acetaldehyde	0.0	0.0	0.0
<ol><li>Vinyl alcohol</li></ol>	9.1	9.6	13.5
3. Hydroxyethylidene	50.8	51.2	54.0

nomenclature for the TSs refers to the numbered species in the table.

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**Fig. 2.** This caption would be placed at the side of the figure, rather than below it.

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**ACKNOWLEDGMENTS.** Please include your acknowledgments

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