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Figure 1 shows an example of how to insert a column-wide 68  
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the `\begin{figure*}... \end{figure*}` environment. Fig- 70  
ures wider than one column should be sized to 11.4 cm or 17.8 71

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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).

<sup>2</sup> To whom correspondence should be addressed. E-mail: author.twoemail.com

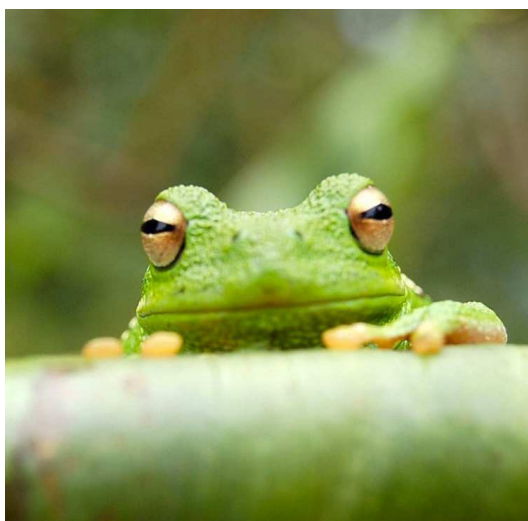


Fig. 1. Placeholder image of a frog with a long example caption to show justification setting.

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

Species	CBS	CV	G3
1. Acetaldehyde	0.0	0.0	0.0
2. Vinyl alcohol	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.

cm wide. Use `\begin{SCfigure*}... \end{SCfigure*}` for a wide figure with side captions.

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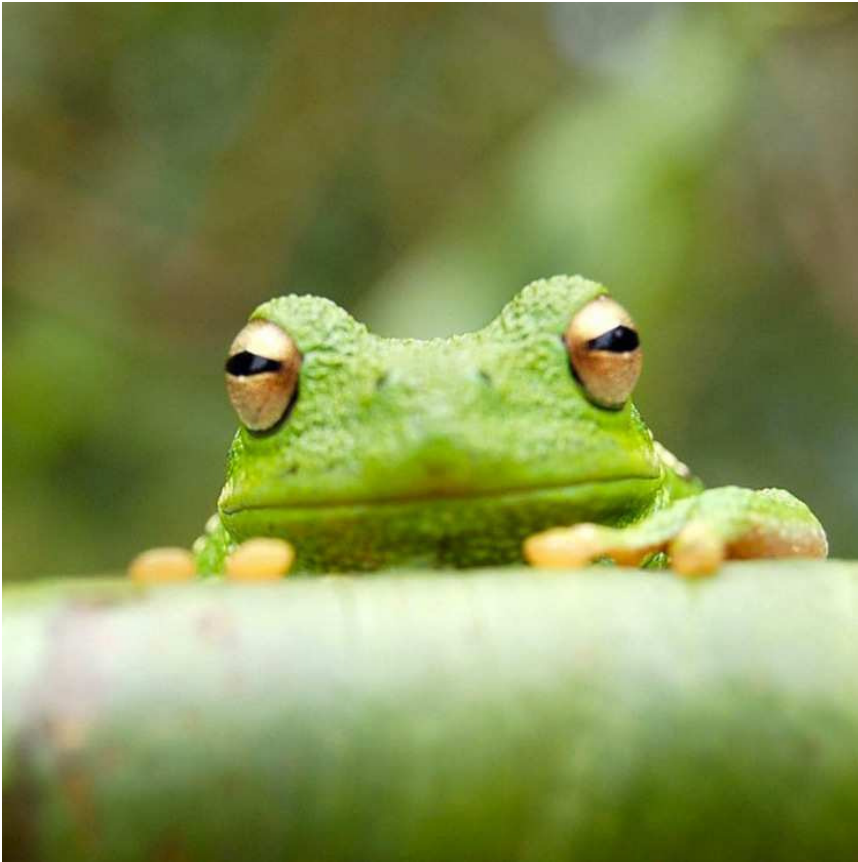
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Please describe your materials and methods here. This can be more than one paragraph, and may contain subsections and equations as required. Authors should include a statement in the methods section describing how readers will be able to access the data in the paper.

**Subsection for Method.** Example text for subsection.

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- Belkin M, Niyogi P (2002) Using manifold structure for partially labeled classification in *Advances in neural information processing systems*. pp. 929–936.
- Bérard P, Besson G, Gallot S (1994) Embedding riemannian manifolds by their heat kernel. *Geometric & Functional Analysis GAFA* 4(4):373–398.
- Coifman RR, et al. (2005) Geometric diffusions as a tool for harmonic analysis and structure definition of data: Diffusion maps. *Proceedings of the National Academy of Sciences of the United States of America* 102(21):7426–7431.



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

$$\begin{aligned}(x + y)^3 &= (x + y)(x + y)^2 \\ &= (x + y)(x^2 + 2xy + y^2) \\ &= x^3 + 3x^2y + 3xy^2 + y^3.\end{aligned}\tag{1}$$