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1. INTRODUCTION

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This template contains example content to help you create your document, and you may use this template as a visual guide. The sections below show examples of different components and styles.

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2. NUMBERING ITEMS IN THE SUPPLEMENTARY DOCUMENT

The supplementary materials document may contain additional figures, tables, equations, etc. Such items should be numbered, with an uppercase "S" to identify them as supplementary. For example, number the first figure in the supplementary document "Fig. S1"; the first table "Table S1"; etc.

This template has been designed to automatically format these components with this styling, but we include the naming convention here for reference.

Naming Convention for Countable Items

Algorithm S1
Equation (S1)
Figure S1
Media S1
Table S1

3. EXAMPLES OF SUPPLEMENTARY MATERIAL COMPONENTS

4. FIGURES AND TABLES

It is not necessary to place figures and tables at the back of the manuscript. Figures and tables should be sized as they are to

appear in the final article. Do not include a separate list of figure captions and table titles.

Figures and Tables should be labelled and referenced in the standard way using the `\label{}` and `\ref{}` commands.

A. Sample Figure

Figure S1 shows an example figure.

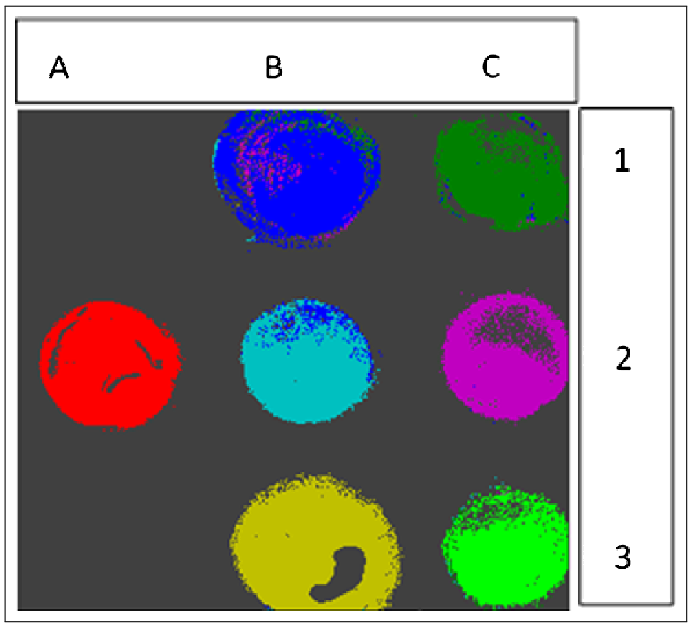

Fig. S1. False-color image, where each pixel is assigned to one of seven reference spectra.

B. Sample Table

Table S1 shows an example table.

Table S1. Shape Functions for Quadratic Line Elements

local node	$\{N\}_m$	$\{\Phi_i\}_m$ $(i = x, y, z)$
$m = 1$	$L_1(2L_1 - 1)$	Φ_{i1}
$m = 2$	$L_2(2L_2 - 1)$	Φ_{i2}
$m = 3$	$L_3 = 4L_1L_2$	Φ_{i3}

5. SAMPLE EQUATION

Let $X_1, X_2, \ldots, X_n$ be a sequence of independent and identically distributed random variables with $\mathrm{E}[X_i] = \mu$ and $\mathrm{Var}[X_i] = \sigma^2 < \infty$, and let

$$S_n = \frac{X_1 + X_2 + \cdots + X_n}{n} = \frac{1}{n}\sum_{i}^{n} X_i \qquad \textbf{(S1)}$$

denote their mean. Then as n approaches infinity, the random variables $\sqrt{n}(S_n - \mu)$ converge in distribution to a normal $\mathcal{N}(0, \sigma^2)$.

6. SAMPLE ALGORITHM

Algorithms can be included using the commands as shown in algorithm S1.

Algorithm S1. Euclid's algorithm

```
1: procedure EUCLID(a, b)                ▷ The g.c.d. of a and b
2:     r ← a mod b
3:     while r ≠ 0 do                    ▷ We have the answer if r is 0
4:         a ← b
5:         b ← r
6:         r ← a mod b
7:     return b                          ▷ The gcd is b
```

MEDIA

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REFERENCES

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Citations that are relevant to the primary manuscript and the supplementary document may be included in both places.

REFERENCES

1. Y. Zhang, S. Qiao, L. Sun, Q. W. Shi, W. Huang, L. Li, and Z. Yang, "Photoinduced active terahertz metamaterials with nanostructured vanadium dioxide film deposited by sol-gel method," Opt. Express **22**, 11070–11078 (2014).