

# Legacy L<sup>A</sup>T<sub>E</sub>X template for preparing an article for submission to *Optica*

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## 1. INTRODUCTION

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## 2. METHODS

The sections below show examples of different article components. Sections should generally follow the conventional order: Introduction, Method, Results, Discussion, and Conclusion. Please do not include Methods in a separate section at the end.

## 3. RESULTS

### A. Figures and Tables

Figure 2 shows an example figure.

### B. Sample Table

Table 1 shows an example table.

Table 1. Shape Functions for Quadratic Line Elements

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

## 4. RESULTS

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

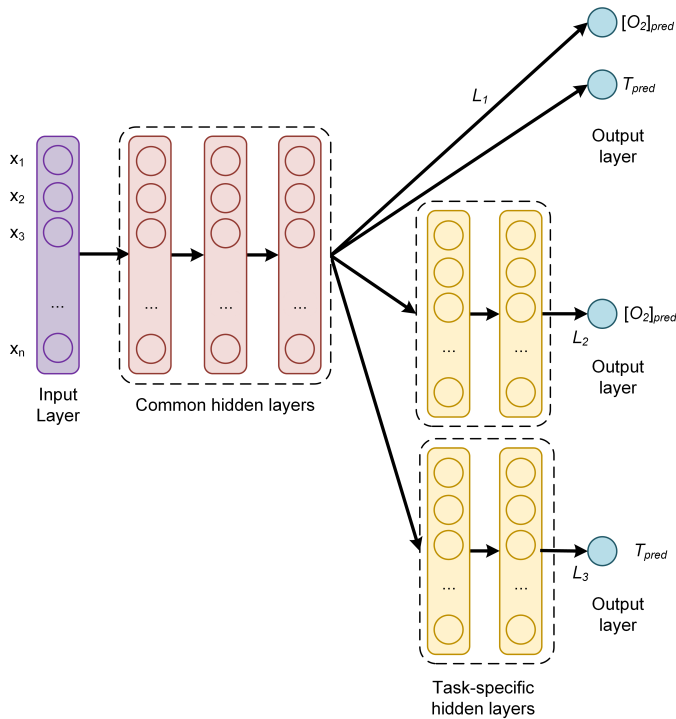
$$S_n = \frac{X_1 + X_2 + \dots + X_n}{n} = \frac{1}{n} \sum_i^n X_i \quad (1)$$

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

## 5. CONCLUSIONS

### DISCLOSURES

**Disclosures.** The authors declare no conflicts of interest.



**Fig. 1.** Architecture of the feed-forward MTL network C.

## SUPPLEMENTAL DOCUMENTS

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## REFERENCES

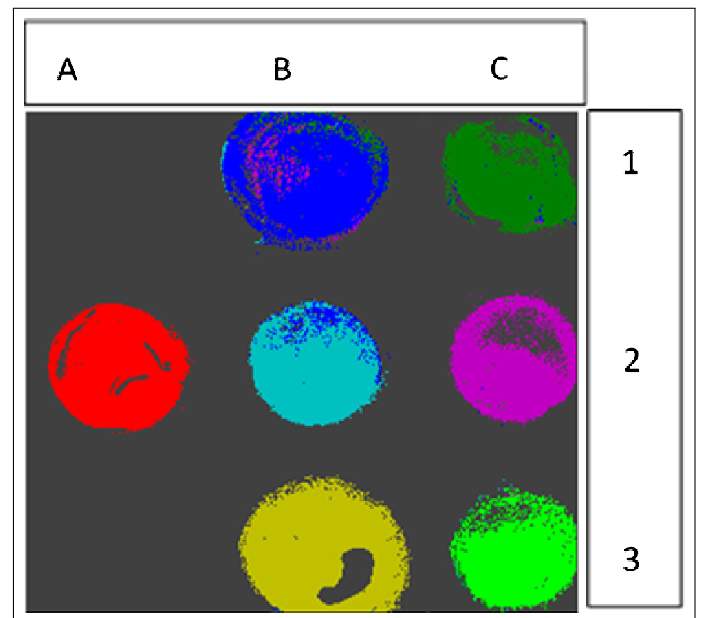
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## REFERENCES

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).



**Fig. 2.** False-color image, where each pixel is assigned to one of seven reference spectra.