THE TITLE OF YOUR ABSTRACT

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ABSTRACT

In this work we develop a general framework to derive and analyze everything following [1] and [2].

INTRODUCTION

In this work we develop... [3].

SECTION 1

I can write complicated equations

$$\rho \frac{d}{dt}\left(\frac{1}{\rho}\right) - \nabla \cdot U = 0, \qquad \rho \frac{d}{dt} U + \nabla P = 0, \qquad \rho \frac{d}{dt} E + \nabla \cdot (PU) = 0, \tag{1}$$

where ρ is the density, U the velocity and E the total energy. The previous system is equipped with a thermodynamics closure (equation of state EOS) $P = P(\rho, \varepsilon)$ where the specific internal energy is given by $\varepsilon = E - \frac{U^2}{2}$.

Subsection

Subsections.

Subsubsection.

And subsubsections. Figure example as shown in Figure 1 and Table example as shown in Table 1.

FIGURE 1: Figure Caption here.

ACKNOWLEDGMENT

Thanks to everyone.

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TABLE 1: Why my scheme is better than yours.

Schemes	CPU Time	Memory
Mine	1.5	5Mb
Your	24.3	200Mb
Their	44.2	235Mb

REFERENCES

[1] J. Doe *The almost ultimate finite volume sheme: part I* Journal of Dead-End Idea, vol 442567, Elsebeer, 2013.

[2] J. Doe *The almost ultimate finite volume sheme: part E* Journal of Dead-End Idea, vol 442567, Elsebeer, 2019.

[3] J. Doe *The almost ultimate finite volume sheme: part XXIV* Journal of Dead-End Idea, vol 442567, Elsebeer, 2020.