

# Variable Eddington Factor Method

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## 1. Introduction

If you are a  $\text{\LaTeX}$  expert you can likely define the established format characteristics in a more elegant manner than what is done here. We request that you limit the summary to two pages. You need not have multiple sections.

## 2. Next Section

This is Section 2. Equations, such as Eq. 1, are numbered to the right of the formula.

$$\Omega \cdot \nabla \psi + \sigma_t(r) \psi(r, \Omega) = \frac{\sigma_s(r)}{4\pi} \int_{4\pi} d\Omega' \psi(r, \Omega') + Q(r, \Omega) \quad (1)$$

Figures, such as Fig. 1, may be included using the `includegraphics` command. The first example imports an eps file; you can vary the size using the “scale” command:

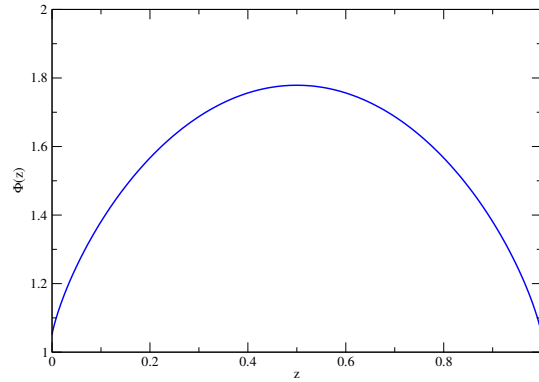


Figure 1: A solution to the one-dimensional slab geometry integral equation using 256-point Gauss-Legendre quadrature.

The second example imports a pdf file; you can vary the size using the “height” command:

See Table I for an example of a table. The `tabls` package is recommended for improved row and column spacing. The caption appears above the table by setting the caption command immediately after the `begin` table command.

## 3. Conclusions

A summary and conclusions might go here.

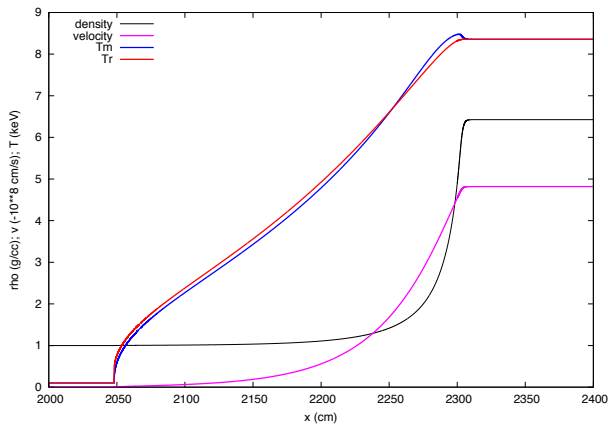


Figure 2: Initial values for density, velocity, and matter and radiation temperature for the Mach 45 radiating shock.

Table I: A table example that you should format to your own tastes.

Heading	Columns of Numbers	
1	100.0	2.0
2	$1.0 \cdot 10^{-4}$	0.40

Acknowledgements

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References

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[4] “A Website for Everything,” <http://this.is.not.a.site/nothing> (2013).