Your Title Here

Your Name

Date

1   Introduction

PUT CONTENT HERE; PERHAPS CITE SOMETHING [2]

2   Continuum Model [or Continuum Problem]

PUT CONTENT HERE; PERHAPS CITE SOMETHING [4]

3   Numerical Scheme(s)

PUT CONTENT HERE; PERHAPS CITE SOMETHING [3]

```
% MYCODE   This is my matlab implementation
x = 1:10;
y = randn(size(x));
plot(x,y)
z = 2+2
```

MORE CONTENT

```
>> mycode              % here I am running the code
z = 4
```

4   Analysis

PUT CONTENT HERE

5   Results

PUT CONTENT HERE

References

[1] E. Bueler (2021). *PETSc for Partial Differential Equations: Numerical Solutions in C and Python*, SIAM Press.

[2] A. Einstein (1905). *Zur Elektrodynamik bewegter Körper*, Annalen der Physik, 322 (10), 891–921.

[3] R. LeVeque (2007). *Finite Difference Methods for Ordinary and Partial Differential Equations*, SIAM Press.

[4] J. Ockendon, S. Howison, A. Lacey, & A. Movchan (2003). *Applied Partial Differential Equations*, Revised ed., Oxford University Press.

A Something suitable for an appendix

PUT CONTENT HERE