

Finite Difference Approaches to the Transmission Line Telegraph Equation

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Abstract—Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetur adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.

Index Terms—Finite difference method, telegraph equation, numerics, Python.

I. INTRODUCTION

Section V concludes the work.

II. THE TELEGRAPH EQUATION FOR TRANSMISSION LINES

III. FINITE DIFFERENCE METHODS FOR SOLVING THE TELEGRAPH EQUATION


IV. ILLUSTRATIVE EXAMPLES

V. CONCLUSION

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REFERENCES

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 Project page: <https://github.com/christian-cahig/telfindiff>