I. Introduction [Heading 1]

This text is used to demonstrate various aspects of bookmarks in pdf files

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I.a. History [Heading 2]
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In the beginning

In the beginning

I.a.1. Great discoveries [Heading 3]

Newton

Darwin

Einstein

In the beginning

In the beginning

I.b. **Present**

At present ...

II. Experiment

To lower the temperature we have used ... We measured the temperature to be ...

IV. **Theory**

Note that we have skipped a heading after Experiment The calculations were very difficult. We had to use a computer. After many attempts ...

IV.a. **Numerical simulations**Using the computer programs of ...

IV.b. **Analytic calculations** Integrals were

V. Conclusion

This is the conclusion This is the conclusion This is the conclusion This is the conclusion

VI. Acknowledgement

I am very grateful to X I am very grateful to Y I am very grateful to Z

VII. References

- 1. Science
- 2. Nature
- 3. PNAS

VIII. Appendix

In this appendix I am writing the mathematical