‘A BRIEF HISTORY OF TIME’

Stephen Hawking

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About the author

- Dr Stephen William Hawking (1942-2018)
- Englist astrophysicist, theoretical scientist and author
- Black holes, Hawking radiation, information paradox
- Fundamental Physics Prize in 2013
- *A Brief History of Time* (1988), *The Universe in a Nutshell* (2001)
- *The Theory of Everything* (2014)

Fig. 1. Stephen Hawking

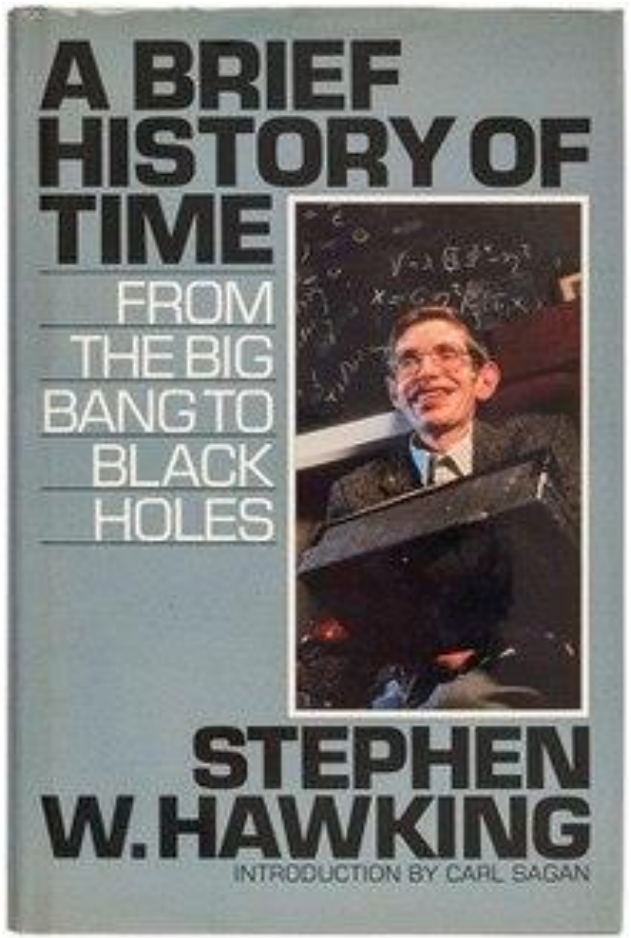

Fig. 2. *A Brief History of Time*

A Brief History of Time

- Published in 1988
- Over 25 million copies sold
- Written for the general public
- Discusses complex physical topics

A brief summary

- Divided into 12 dependent chapters
- History of physics
- Einstein's relativity theories
- Heisenberg's uncertainty principle
- Elementary particles
- Black holes
- The origin and fate of the universe
- Theory of everything/GUT
- Essays of physicists

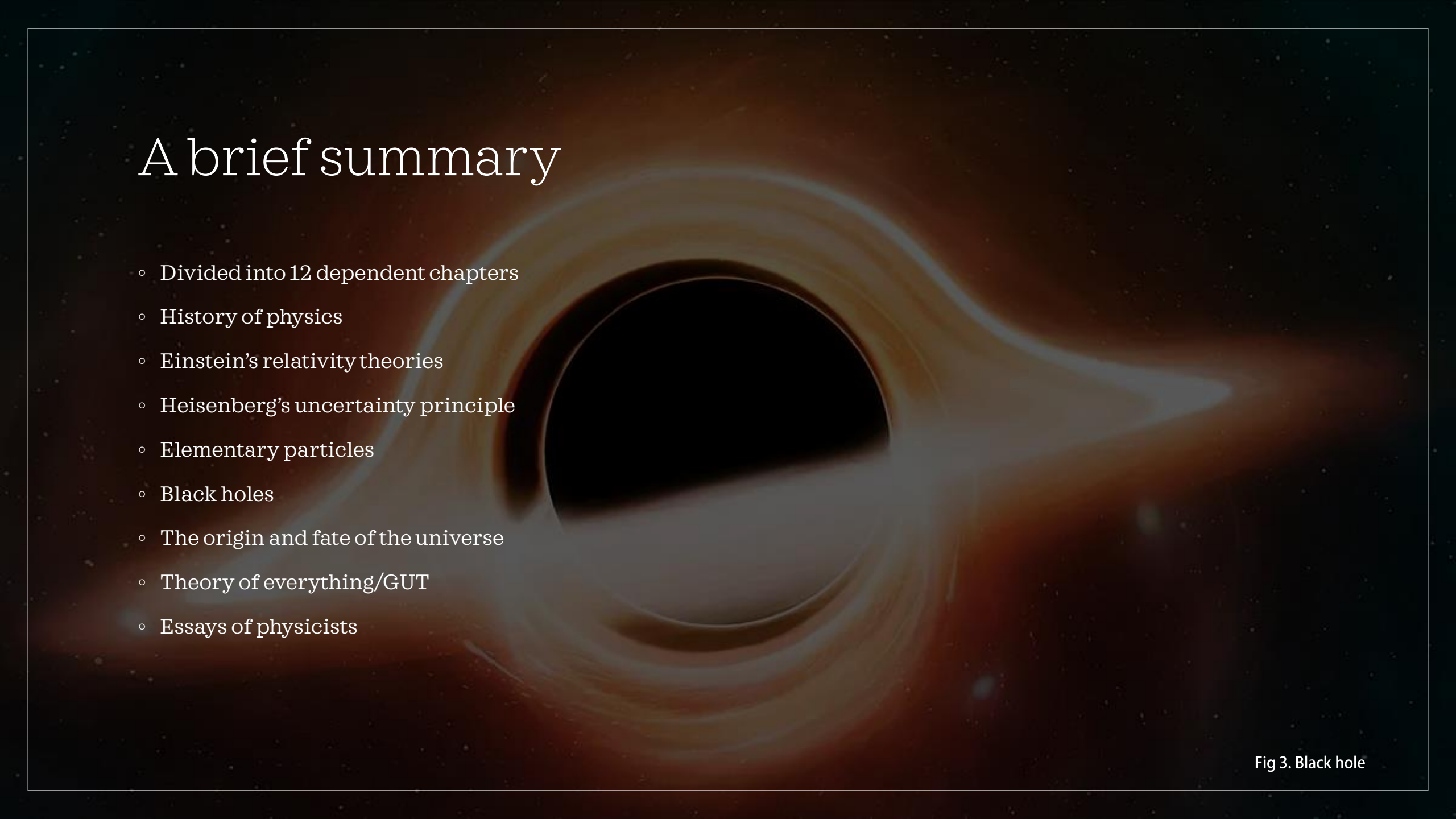

Fig 3. Black hole

Main purpose of the book

- Explain how far we have come in our understanding of the universe
- Reminder of how important logical thinking is
- Explain the concepts of the universe

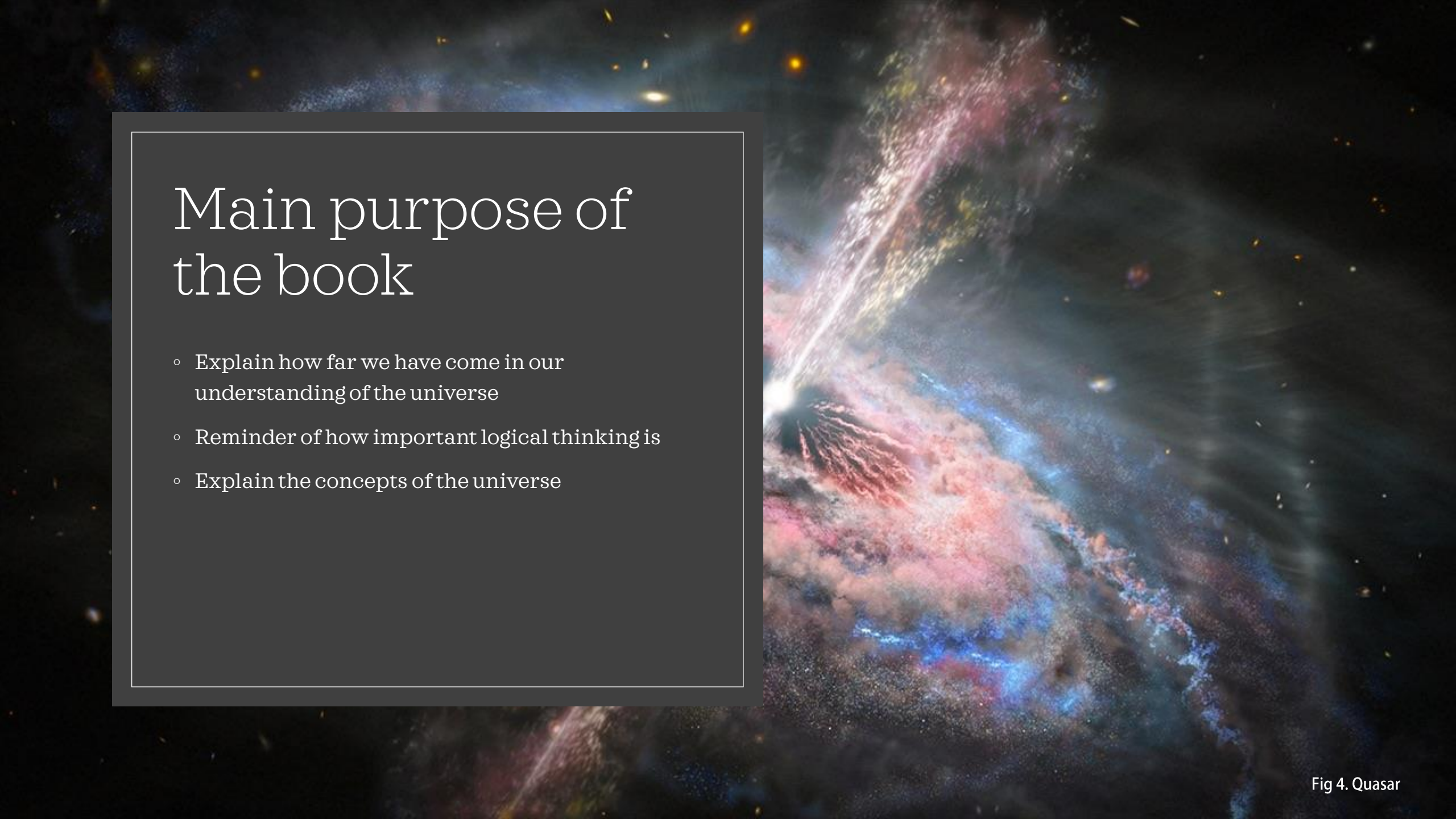

Fig 4. Quasar

Changing the world

Stephen Hawking

- Invaluable contributions to science
- Inspiration not to give up
- Popularising science among children

A Brief History of Time

- *Sunday Times* bestseller list
- Changed people's interest in physics

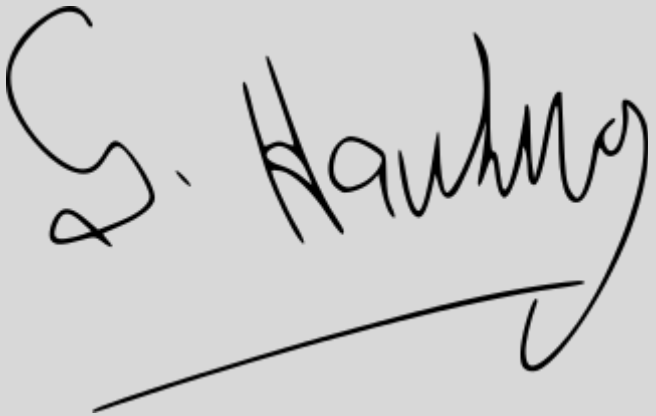

Fig 5. Signature

Conclusion

- My thoughts on the book
- Recommendation

Fig 6. TRAPPIST-1 system

Used content

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THANKS FOR LISTENING!