# 100 billion suns - the birth, life, and death of the stars /Rudolf Kippenhahn; translated by Jean Steinberg.. --

Basic Books, c1983. - 9780465052639



Description: -

Special education -- Ontario.

Stars -- Evolution 100 billion suns - the birth, life, and death of the stars /Rudolf Kippenhahn; translated by Jean Steinberg. -- -100 billion suns - the birth, life, and death of the stars /Rudolf

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Notes: viii, 264 p., [4] leaves of plates : ill. (some col.) Translation of

Hundert Milliarden Sonnen. Includes index.

This edition was published in 1983



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Contents: Introduction -- The long life of stars -- The astrophysicist's most important diagram -- Stars as nuclear power plants -- Stars and stellar models -- The life history of the Sun -- The life story of massive stars -- Highly evolved stars -- Pulsars do not pulsate -- When stars steal mass from other stars -- X-ray stars -- The end of stars -- How stars are born -- Planets and their inhabitants -- Appendix A: The velocity of stars -- Appendix B: How the universe is measured -- Appendix C: Weighing the stars -- Afterword to the Princeton science library edition. In this book, we shall carefully expose the building of the theory of stellar structure and evolution, and explain how our understanding of the stars has emerged from this background of incessant debate.

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## Princeton Science Library: One Hundred Billion Suns

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