illustrations: Karolina Kučerová text: Lucie Lukačovičová concept: Matěj Machek and Petr Brož

## WHEN THE EARTH QUAKES

8377

02 12

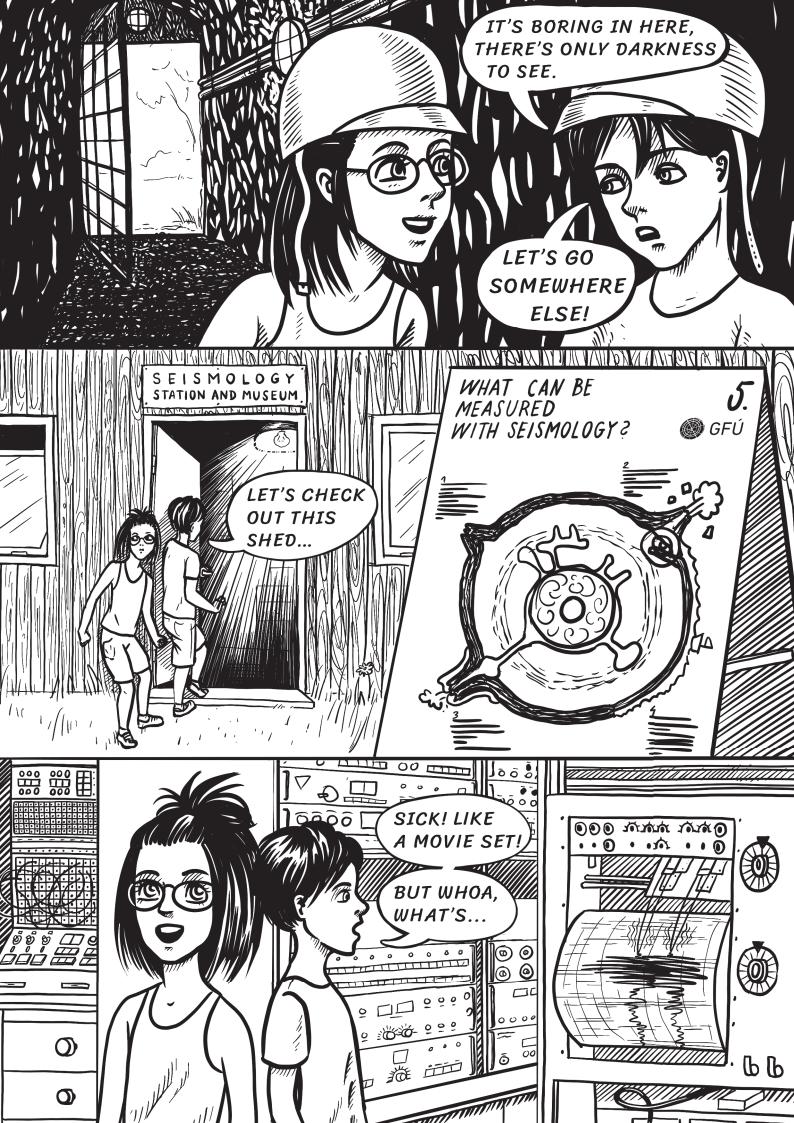
TATT

XXX

XXII

THE STORY OF A SEISMIC WAVE









I AM BORN OF MOVEMENT. I ORIGINATED AT THE POINT WHERE THE OCEAN FLOOR RUPTURED, GRINDING UNDER THE PRESSURE OF TWO GIANT PLATES OF THE EARTH.

FROM THIS FAULT, I STARTED MY JOURNEY..

ocean crust plate 1

a fish

 $\langle \rangle$ 

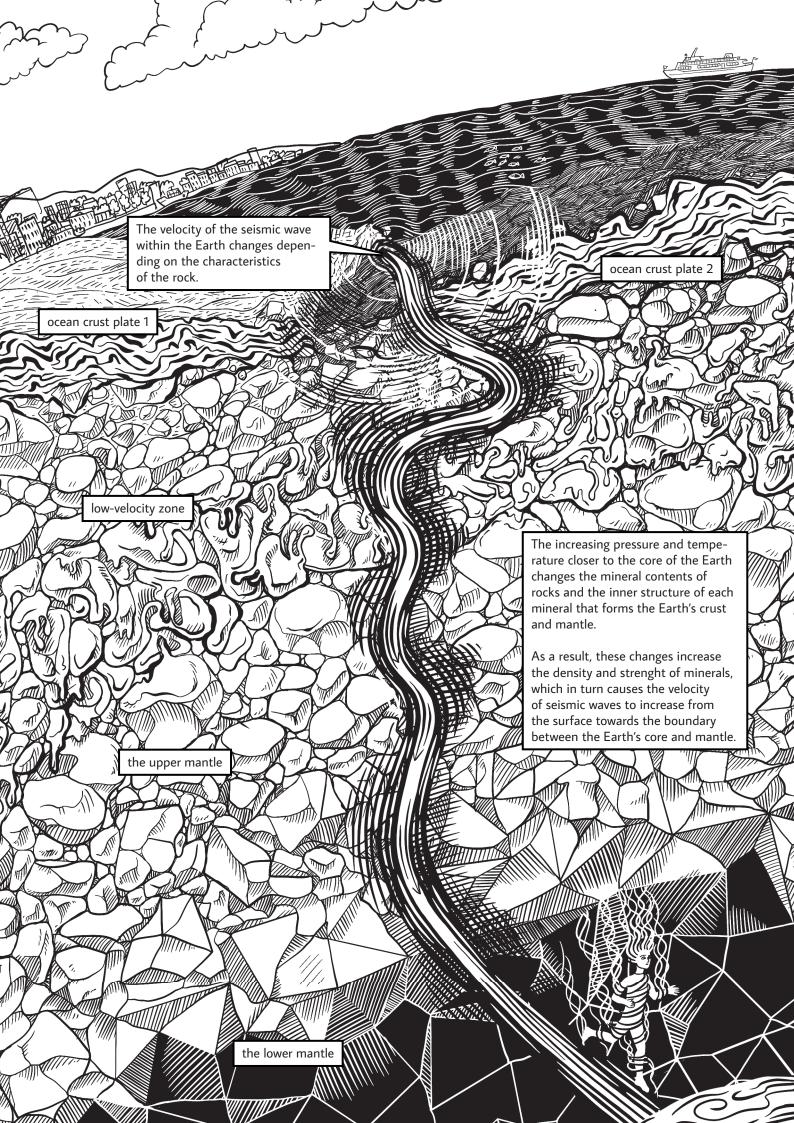
¥

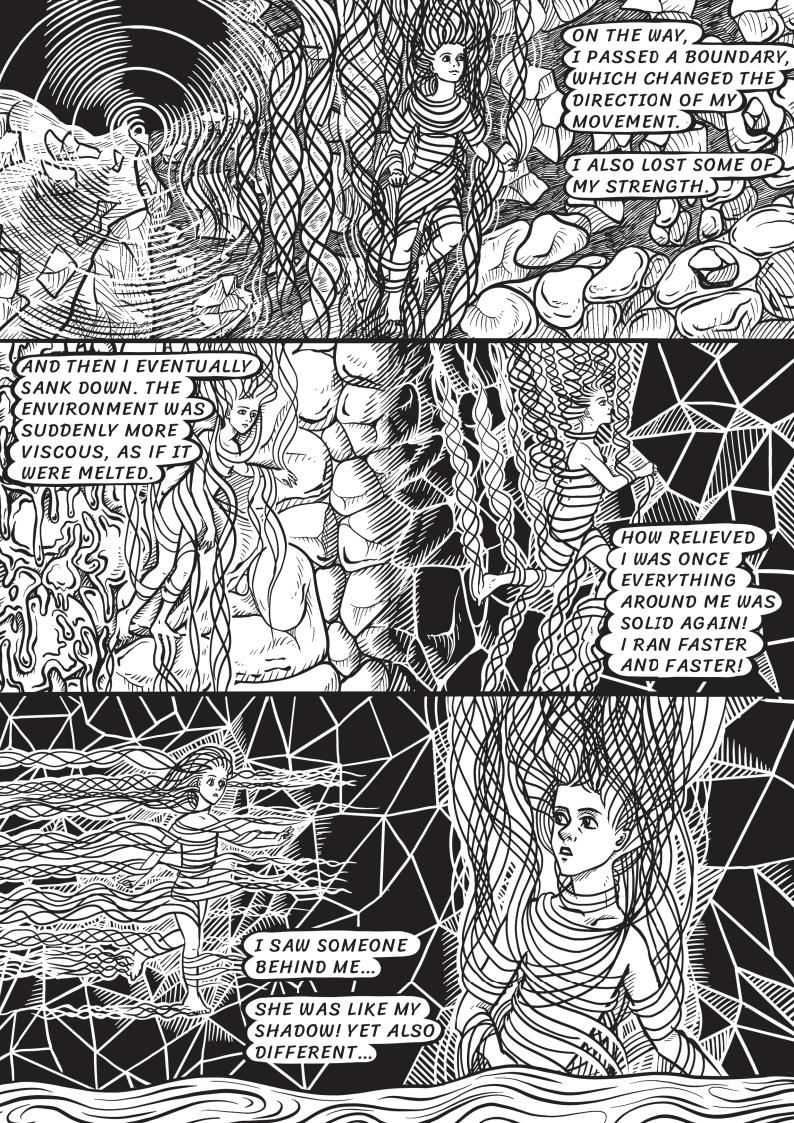
⋇

¥

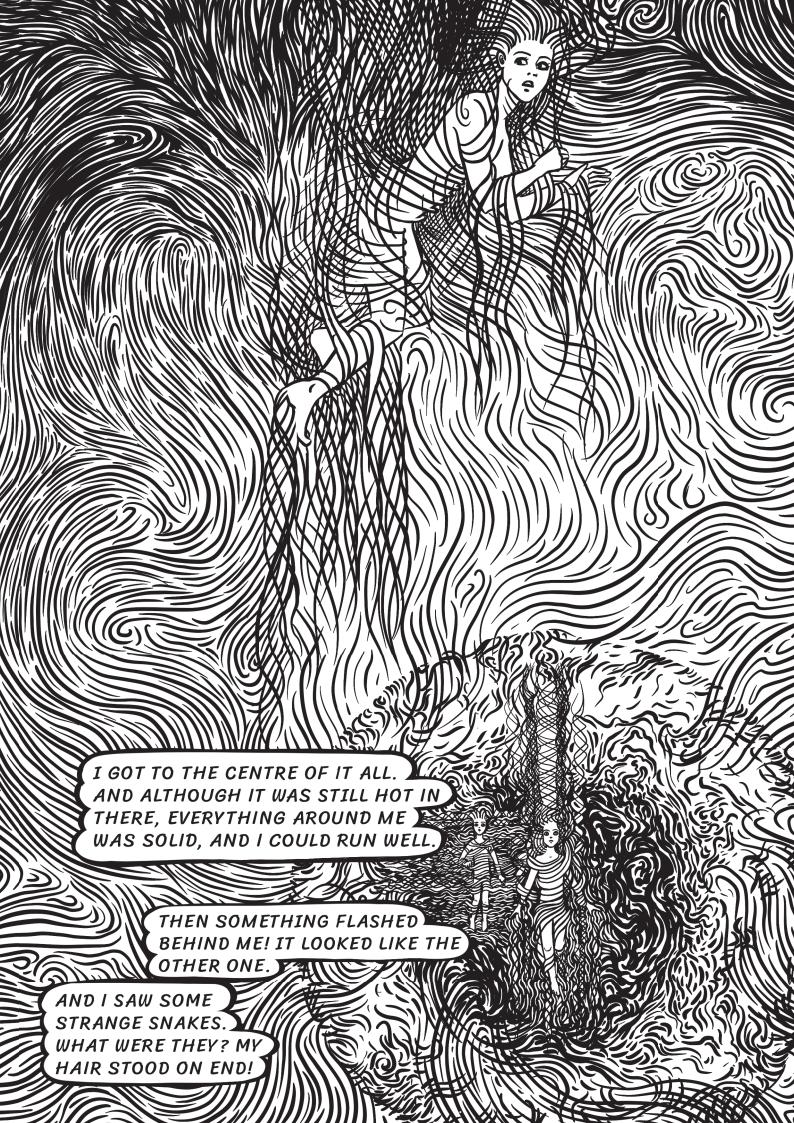
ocean crust plate 2

a fault









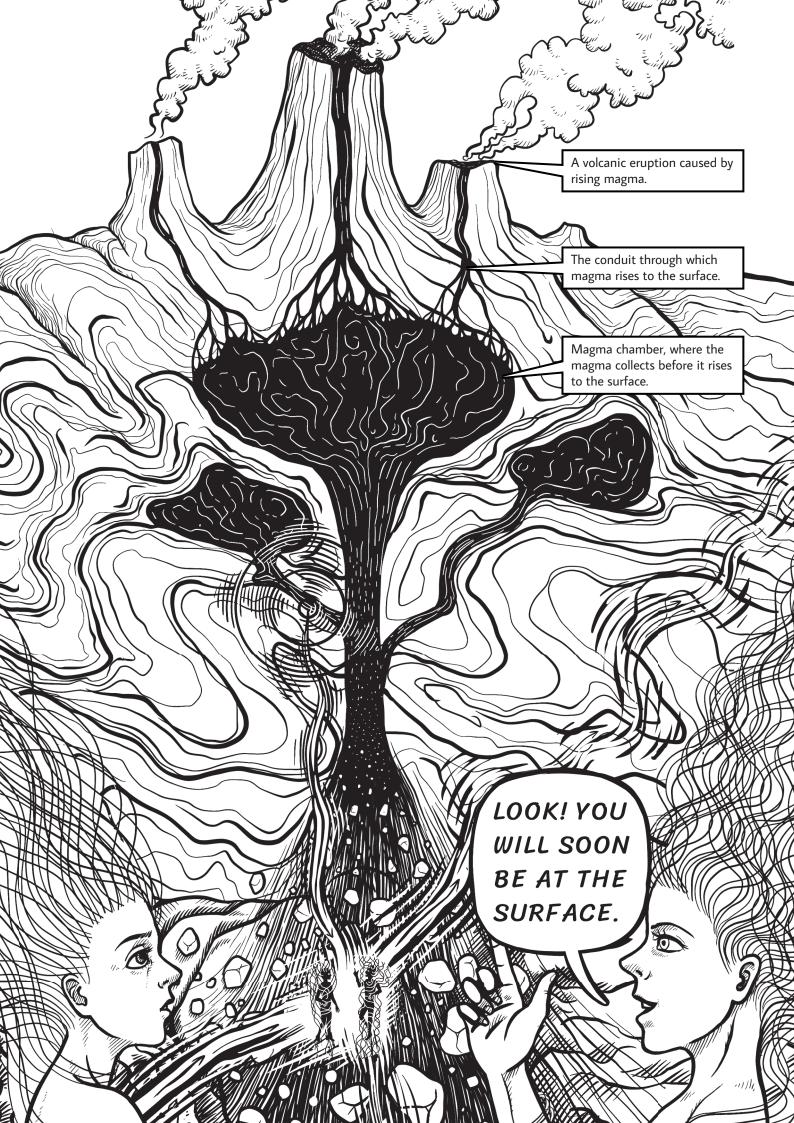


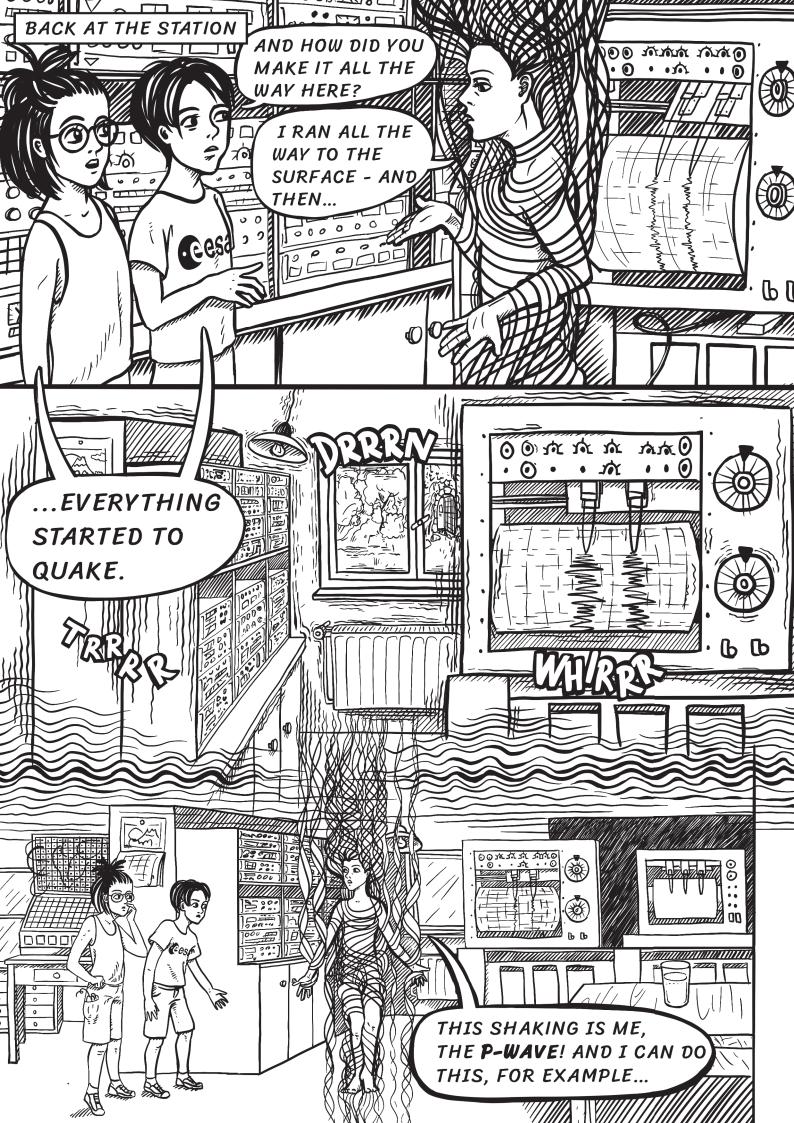






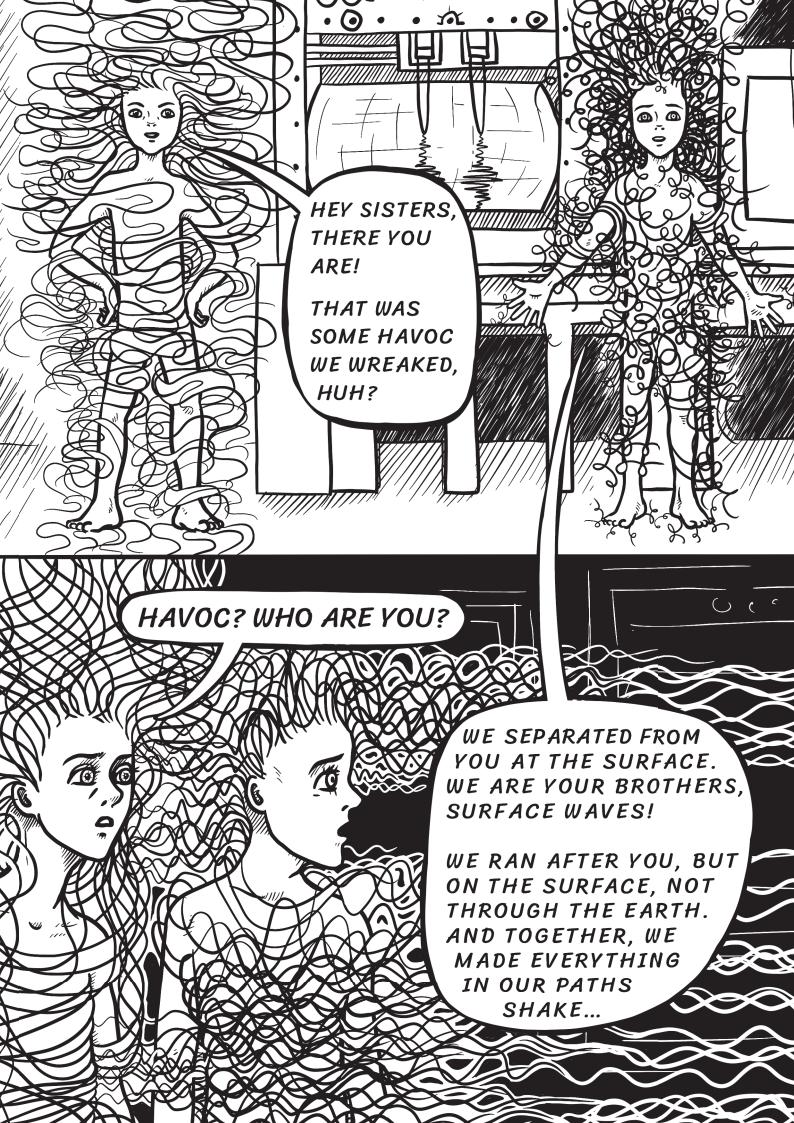










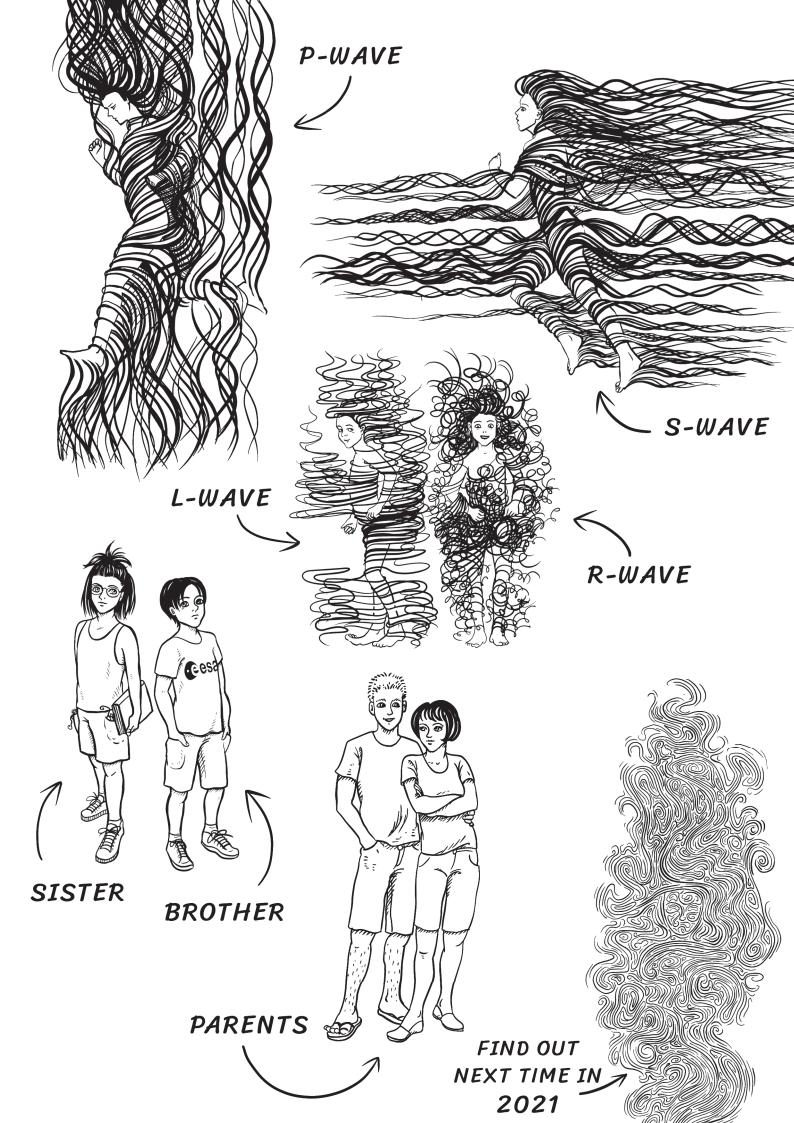












## When the Earth Quakes, The Story of a Seismic Wave

Illustrations: Karolina Kučerová Text: Lucie Lukačovičová Concept: Matěj Machek, Petr Brož These comics are the collective work of all the authors. Expert supervision: Dr Jan Burjánek, PhD. Typesetting and lettering: Karolina Kučerová typeset using the fonts Sriracha, SIL Open Font License and Average Sans, SIL Open Font License Publisher: Institute of Geophysics of the Czech Academy of Sciences (www.ig.cas.cz) First edition.

Helped in preparation: Observatory and Planetarium Prague and ESERO (European Space Education Resource Office)

Would you like to learn more about earthquakes and the travel of seismic waves? Then visit www.ig.cas.cz/komiks.

The work is released under the Creative Commons license Attribution-Share Alike 4.0 International (CC BY-SA 4.0, https://creativecommons.org/licenses/by-sa/4.0/deed.en). You can share the work and change it under the condition that you attribute the original work to the author "Karolina Kučerová and the Institute of Geophysics of the Czech Academy of Sciences" and keep the license.

We have hidden three differences in the colourful city and the black-and-white devasted city, can you find them?

ISBN 978-80-904072-8-2



INSTITUTE OF GEOPHYSICS



