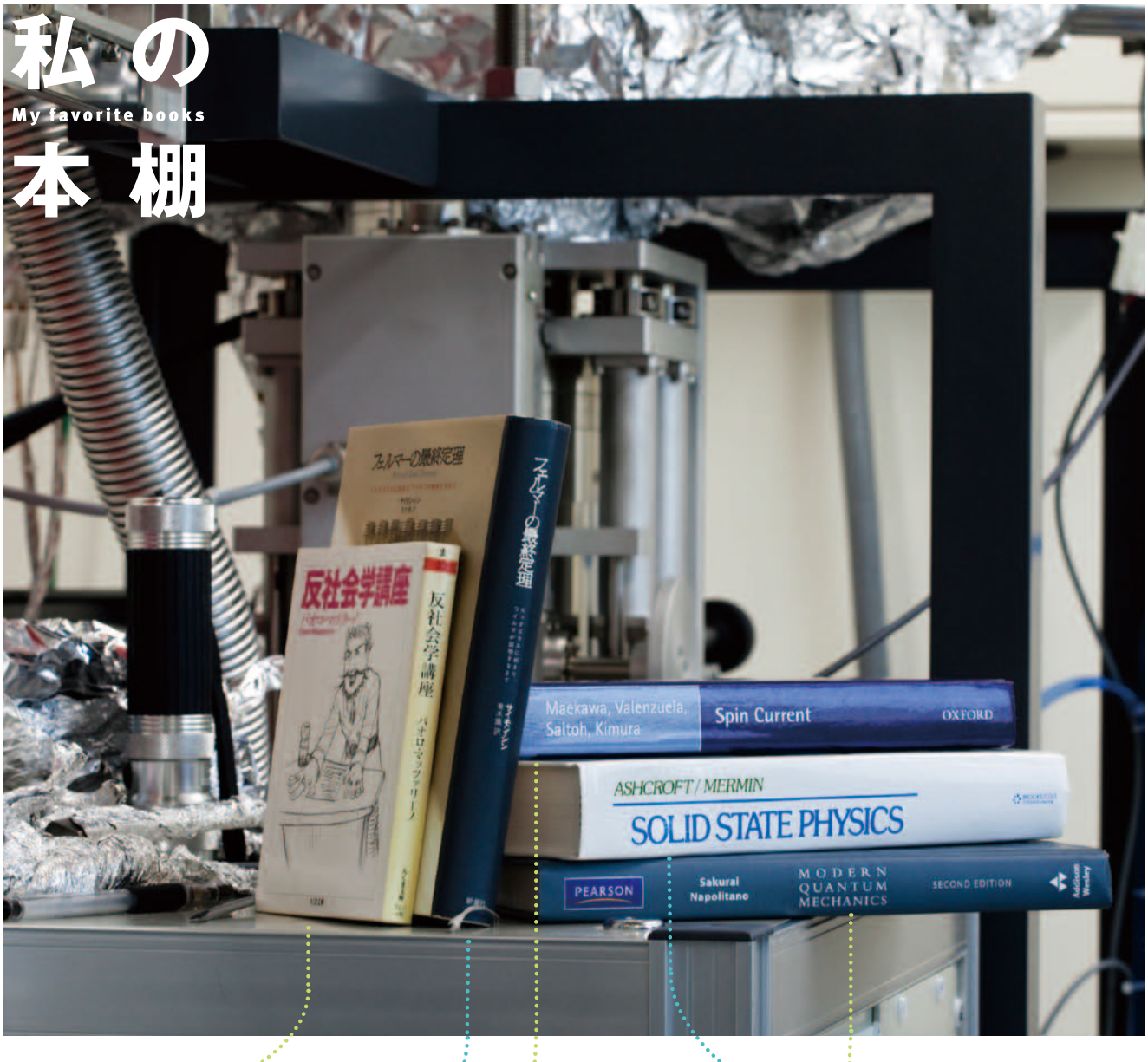
Title	My favorite books
Sub Title	
Author	
Publisher	Faculty of Science and Technology, Keio University
Publication year	2015
Jtitle	New Kyurizukai No.21 (2015. 12) ,p.7- 7
JaLC DOI	
Abstract	
Notes	
Genre	Article
URL	https://koara.lib.keio.ac.jp/xoonips/modules/xoonips/detail.php?koara_id=KO50001003-00000021-0007

私の本棚

My favorite books



Lectures on Anti-Sociology

Our society is brimming with so-called information or common knowledge. Is it really true and trustworthy? Paolo Mazzarino, a would-be Italian, harshly criticizes most plausible arguments widely in circulation because, he says, they were coined by interpreting data based on the circulators' subjective views and to suit their own purposes. While it is not a book worthy of serious reading, it stresses the importance of thinking on one's own without taking given information for granted. Whether believing or not what's written in this book, or to what extent, is up to you.

Spin Current

This is a technical book on spin current, in which I authored several chapters. Although only several books on spin current are available in Japanese, there are a lot of books in English, of which this is a relatively new one. It deals with a wide range of contents, ranging from fundamental physics of spin current to latest developments in research.

Solid State Physics

This book is a representative textbook on condensed matter physics, a study that deals with physical phenomena in matter. Though published quite a long ago (in the 1970s), it remains a standard textbook as of today. As might be expected of a thick book (four volumes for the Japanese version!), it gives detailed explanations in easy-to-understand writing. Ever since I was a student, I've often referred to this book when reading other books.

Fermat's Last Theorem

This nonfiction describes the 360-year-long history of hard-fought struggles of mathematicians who tried to prove a difficult problem left by the 17th-century French mathematician Fermat. This book allows you to vividly feel flashing moments of inspiration, exhilaration when a problem has been solved, and dynamism unfolding in the process of developing sciences – all of these common to any scientific pursuits. I recommend this book even to those who have nothing to do with mathematics. The book "Cryptanalysis" written by the same author is also interesting.

Modern Quantum Mechanics

This book is an account of quantum mechanics viewed from a present-day perspective, beginning with the Stern-Gerlach experiment. I first read this book in Japanese when I was an undergraduate student. I was especially struck with the comprehensibility of Chapters 1 and 2. I'm now using it as a reference for my class, along with Prof. Sunagawa's "Quantum Mechanics," Shankar's "Principles of Quantum Mechanics" and Griffith's "Introduction to Quantum Mechanics."