

1. Record Nr.	UNINA990001356190403321
Autore	Lauterborn, Werner
Titolo	Coherent Optics : Fundamentals and Applications / Werner Lauterborn, Thomas Kurz, Martin Wiesenfeldt
Pubbl/distr/stampa	Berlin [etc.] : Springer-Verlag, 1995
ISBN	3-540-58372-6
Descrizione fisica	x, 294 p.
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Locazione	FI1
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	With 183 Figures, 1 Hologram, 73 Problems and Complete Solutions

2. Record Nr.	UNISA996552357003316
Autore	Haddow Gillian
Titolo	Embodiment and everyday cyborgs : technologies that alter subjectivity // Gillian Haddow
Pubbl/distr/stampa	Manchester, England : , : Manchester University Press, , [2021] ©2021
Descrizione fisica	1 online resource (xiii, 192 pages) : illustrations
Collana	Inscriptions
Disciplina	001.53
Soggetti	Cybernetics Implants, Artificial
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Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	<p>This electronic version has been made available under a Creative Commons (BY-NC-ND) open access license. Your organs are failing and require replacement. If you had the choice, would you prefer organs from other humans or non-human animals, or would you choose a 'cybernetic' medical implant? Using a range of social science methods and drawing on the sociology of the body and embodiment, biomedicine and technology, this book asks what happens to who we are (our identity) when we change what we are (our bodies)? From surveying young adults about whether they would choose options such as 3-D bioprinting, living or deceased human donation, or non-human animal or implantable biomechanical devices, to interviewing those who live with an implantable cardiac defibrillator, Haddow invites us to think about what kind of relationship we have with our bodies. She concludes that the reliance on 'cybernetic' medical devices create 'everyday cyborgs' who can experience alienation and new forms of vulnerability at implantation and activation. Embodiment and everyday cyborgs invites readers to consider the relationship between personal identity and the body, between humans and non-human animals, and our increasing dependency on 'smart' implantable technology. The creation of new techno-organic hybrid bodies makes us acutely aware of our</p>

own bodies and how ambiguous the experience of embodiment actually is. It is only through understanding how modifications such as transplantation, amputation and implantation make our bodies a 'presence' to us, Haddow argues, that we realise our everyday experience of our bodies as an absence.

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