

MPHY3900: Ultrasound in Medicine: Ben Cox

View Online



@book{Cobbold_2007, address={Oxford}, title={Foundations of biomedical ultrasound}, publisher={Oxford University Press}, author={Cobbold, Richard S. C.}, year={2007} }

@article{Cox_Beard_2015, title={Imaging techniques: Super-resolution ultrasound}, volume={527}, DOI={10.1038/527451a}, number={7579}, journal={Nature}, author={Cox, Ben and Beard, Paul}, year={2015}, month={Nov}, pages={451-452} }

@article{ter Haar_2001, title={Acoustic surgery}, volume={54}, DOI={10.1063/1.1445545}, number={12}, journal={Physics Today}, author={ter Haar, Gail}, year={2001}, month={Dec}, pages={29-34} }

@article{Halliwell_2010, title={A tutorial on ultrasonic physics and imaging techniques}, volume={224}, DOI={10.1243/09544119JEM656}, number={2}, journal={Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine}, author={Halliwell, M}, year={2010}, month={Feb}, pages={127-142} }

@book{Kinsler_1982, address={New York}, edition={3rd ed}, title={Fundamentals of acoustics}, publisher={Wiley}, author={Kinsler, Lawrence E.}, year={1982} }

@article{LEIGHTON_2007, title={What is ultrasound?}, volume={93}, DOI={10.1016/j.pbiomolbio.2006.07.026}, number={1-3}, journal={Progress in Biophysics and Molecular Biology}, author={LEIGHTON, Timothy}, year={2007}, month={Jan}, pages={3-83} }

@article{O'Brien_Dunn_2015, title={An early history of high-intensity focused ultrasound}, volume={68}, DOI={10.1063/PT.3.2947}, number={10}, journal={Physics Today}, author={O'Brien, William D. and Dunn, Floyd}, year={2015}, month={Oct}, pages={40-45} }

@book{Pierce_1989, address={Woodbury, N.Y.}, edition={1989 ed}, title={Acoustics: an introduction to its physical principles and applications}, publisher={Acoustical Society of America}, author={Pierce, Allan D.}, year={1989} }

@book{Szabo_2004, address={Boston, Mass}, title={Diagnostic ultrasound imaging: inside out}, volume={Academic Press series in biomedical engineering}, publisher={Elsevier Academic Press}, author={Szabo, Thomas L.}, year={2004} }

@inbook{Verweij_Treeby_van Dongen_Demi_2014, title={Simulation of Ultrasound Fields}, url={https://contentstore.cla.co.uk/secure/link?id=dd303ece-5636-e711-80c9-005056af4099}, booktitle={Comprehensive Biomedical Physics}, publisher={Elsevier},

author={Verweij, M.D. and Treeby, B.E. and van Dongen, K.W.A. and Demi, L.},
year={2014}, pages={465-500} }

@article{Wells_2006, title={Ultrasound imaging}, volume={51},
DOI={10.1088/0031-9155/51/13/R06}, number={13}, journal={Physics in Medicine and
Biology}, author={Wells, P N T}, year={2006}, month={Jul}, pages={R83-R98} }

@misc{How Ultrasound Works_5AD,
url={https://www.youtube.com/watch?v=l1Bdp2tMFsY}, year={5AD} }

@misc{What is Medical Ultrasound?_9AD,
url={https://www.youtube.com/watch?v=KwsvDQhOpeU}, year={9AD} }

@book{Hoskins_Martin_Thrush_2010, address={Cambridge}, edition={2nd ed},
title={Diagnostic Ultrasound: Physics and Equipment},
url={http://dx.doi.org/10.1017/CBO9780511750885}, publisher={Cambridge University
Press}, year={2010} }

@misc{Obstetric ultrasound -- a comprehensive guide to ultrasound scans in pregnancy,
url={http://www.ob-ultrasound.net/} }

@misc{Texas Instruments: Signal Processing Overview of Ultrasound Systems for Medical
Imaging, url={http://www.ti.com/lit/wp/sprab12/sprab12.pdf} }

@article{Ultrasound in Medicine and Biology - Journal,
url={http://www.journals.elsevier.com/ultrasound-in-medicine-and-biology/} }

@article{Ultrasonics - Journal, url={http://www.journals.elsevier.com/ultrasonics/} }

@article{The Journal of the Acoustical Society of America,
url={http://scitation.aip.org/content/asa/journal/jasa/browse}, publisher={American
Institute of Physics} }