cases	doc_1		doc_2		decision	id
			authors	• T. Boyd • J. Sanderson	DUPLICATES	1143
	authors	• T. J. M. Boyd • J. J. Sanderson	**title**	The Physics of Plasmas		
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	urls	• https://openalex.org/W2986706947	**id**	id730923461923530771		
	id	id-9075720881644706896	**abstract**	The Physics of Plasmas provides a comprehensive introduction to the subject, illustrating the basic theory with examples drawn from fusion, space and astrophysical plasmas. A particular strength of the book is its discussion of the various models used to describe plasma physics and the relationships between them. These include particle orbit theory, fluid equations, ideal and resistive magnetohydrodynamics, wave equations and kinetic theory. The reader will gain a firm grounding in the fundamentals, and develop this into an understanding of some of the more specialised topics. Throughout the text, there is an emphasis on the physical interpretation of plasma phenomena. Exercises are provided throughout. Advanced undergraduate and graduate students of physics, applied mathematics, astronomy and engineering will find a clear but rigorous explanation of the fundamental properties of plasmas with minimal mathematical formality. This book will also appeal to research physicists, nuclear and electrical engineers.		
	abstract		**versions**			
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