

CMS Books in Mathematics

H.G. Dales · F.K. Dashiell, Jr. · A.T.-M. Lau · D. Strauss

## Banach Spaces of Continuous Functions as Dual Spaces

This book gives a coherent account of the theory of Banach spaces and Banach lattices, using the spaces  $C_0(K)$  of continuous functions on a locally compact space  $K$  as the main example. The study of  $C_0(K)$  has been an important area of functional analysis for many years. It gives several new constructions, some involving Boolean rings, of this space as well as many results on the Stone space of Boolean rings. The book also discusses when Banach spaces of continuous functions are dual spaces and when they are bidual spaces.

Mathematics

ISBN 978-3-319-32347-3



► [springer.com](http://springer.com)



Dales · Dashiell · Lau · Strauss



Banach Spaces of Continuous  
Functions as Dual Spaces

CMS Books in Mathematics



Canadian  
Mathematical Society  
Société mathématique  
du Canada

H.G. Dales  
F.K. Dashiell, Jr.  
A.T.-M. Lau  
D. Strauss

# Banach Spaces of Continuous Functions as Dual Spaces

 Springer