

Financial Integration in East Asia

Financial Integration in East Asia examines the degree of domestic and international financial openness in ten Asian countries (Japan, Australia, Hong Kong, Indonesia, South Korea, Malaysia, and the Philippines, Singapore, Taiwan and Thailand) and the effect financial openness has on the structure of the macroeconomy. After examining the reasons behind the 1997–8 financial crisis, Dr de Brouwer puts these in context by summarising the literature on the costs and benefits of financial reform. He then assesses the information that interest rate parity conditions and consumption smoothing have for financial openness, and sets out theoretical and empirical models to explore the link between market interest rates and intermediated interest rates on deposits and loans. Financial Integration in East Asia also contains reviews of the literature and regional developments, with clear policy analysis throughout.

Financial Integration in East Asia is the latest title in the Cambridge series Trade and Development.

GORDON DE BROUWER is Chief Manager, International Markets and Relations, at the Reserve Bank of Australia. He has previously worked for the Department of Treasury in Australia, the University of Melbourne and Westpac Bank in Tokyo. He has published papers on money markets in east Asia and Japan, and on topics including inflation modelling, output determination and monetary policy.



TRADE AND DEVELOPMENT

A series of books on international economic relations and economic issues in development

Academic editor

Ron Duncan, National Centre for Development Studies, The Australian National University

Advisory editors

Ross Garnaut, *The Australian National University*Reuven Glick, *Federal Reserve Bank of San Francisco*Enzo R. Grilli, *The World Bank*Mario B. Lamberte, *Philippine Institute for Development Studies*

Executive editor

Maree Tait, National Centre for Development Studies, The Australian National University

Other titles in the series

Helen Hughes (ed.), Achieving Industrialization in East Asia

Yun-Wing Sung, The China–Hong Kong Connection: The Key to China's Open Door Policy

Kym Anderson (ed.), New Silk Roads: East Asia and World Textile Markets

Rod Tyers and Kym Anderson, Disarray in World Food Markets: A Quantitative Assessment

Enzo R. Grilli, The European Community and Developing Countries

Peter Warr (ed.), The Thai Economy in Transition

Ross Garnaut, Enzo Grilli, and James Riedel (eds.), Sustaining Export-Oriented Developments: Ideas from East Asia

Donald O. Mitchell, Merlinda D. Ingco, and Ronald C. Duncan, *The World Food Outlook*

David C. Cole and Betty F. Slade, Building a Modern Financial System: The Indonesian Experience

Ross Garnaut, Guo Shutian and Ma Guonan (eds.), The Third Revolution in the Chinese Countryside

David Robertson (ed.), East Asian Trade After the Uruguay Round

Chris Manning, Indonesian Labour in Transition

Yiping Huang, Agricultural Reform in China

Richard Bird and François Vaillancourt, Fiscal Decentralisation in Developing Countries



Financial Integration in East Asia

GORDON DE BROUWER





CAMBRIDGE UNIVERSITY PRESS

Cambridge, New York, Melbourne, Madrid, Cape Town, Singapore, São Paulo, Delhi

Cambridge University Press The Edinburgh Building, Cambridge CB2 8RU, UK

Published in the United States of America by Cambridge University Press, New York

www.cambridge.org

Information on this title: www.cambridge.org/9780521121101

© Gordon de Brouwer 1999

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 1999 This digitally printed version 2009

A catalogue record for this publication is available from the British Library

Library of Congress Cataloguing in Publication data

De Brouwer, Gordon

Financial integration in East Asia / Gordon de Brouwer.

p. cm. – (Trade and development) ISBN 0 521 65148 4

1. Finance-East Asia. 2. Financial crises-East Asia.

I. Title II. Series: Trade and development (Cambridge, England) HG187.E3704 1999 332'.095-dc21 98-33985 CIP

ISBN 978-0-521-65148-6 hardback ISBN 978-0-521-12110-1 paperback



Contents

	Preface and acknowledgements	page ix
1	Financial integration	1
2	Developments in east Asia, 1997–1998	8
3	Measures of financial integration in east Asia	42
4	Interest parity conditions as indicators of international financial	
	integration	66
5	Domestic financial integration: a precondition for international	
	financial integration	98
6	Financial integration and capital formation, foreign debt and the	3
	real exchange rate	128
7	Consumption and liquidity constraints: does financial integration	n
	matter?	143
8	Summary and policy considerations	170
	Appendices	181
	References	265
	Index	282

vii



Preface and acknowledgements

I am indebted to many people for their help and support in the process of writing this book. I owe a special and deep debt to Peter Drysdale. I would never have started the book without his encouragement and active support, he has continually pushed me to explore and expand my research and has offered valuable counsel and friendship. Warwick McKibbin and Adrian Pagan have also provided important substantive comments and guidance. Warwick spent considerable time working through the book, especially chapters 4, 6 and 7, and I am grateful for his enthusiasm and insights. Adrian also provided many valuable comments, particularly about econometric and research methodology.

I have received much from the staff at the Australian National University. I am grateful to the administrative staff of the Australia–Japan Research Centre in the Research School of Pacific and Asian Studies, particularly Margitta Acker, Lynne Colley, Marilyn Popp, Sue Marks and Denise Ryan. I am also indebted to Maree Tait for editorial advice and assistance. I also owe thanks to Ron Duncan, Mardi Dungey, Ross Garnaut, Luke Gower, Steve Husted (now back at Pittsburgh), Shun Ikeda, Kali Kalirajan, Heather Smith, Neil Vousden and Graeme Wells for helpful comments. While completing the book, I have also been an Officer of the Reserve Bank of Australia. I received much support and encouragement from my fellow Officers, particularly Palle Andersen (now back at the BIS), Steve Grenville, David Gruen, Philip Lowe and Chris Ryan (now at the IMF). I am also grateful to the Bank for financial assistance and access to facilities it provided during my study leave. The views expressed in this book are my own and should not be ascribed to the Reserve Bank. The university also provided funds for which I am grateful, and I hope taxpayers' money has not been wasted. I spent five months, from October 1994 to March 1995, in Japan and am grateful to the Japan Foundation for very generous support.

During the course of the book I had the opportunity to visit a number of institutions. My time in Japan was spent at the Bank of Japan and I am



x Preface and acknowledgements

grateful for the opportunity to do this and for the Bank's hospitality. I am especially indebted to Kunio Okina, Makoto Ohsawa and Masahiro Fukao for comments and support; the Japan connection will always remain dear to me. Michael Dooley also provided valuable advice at the time. I owe thanks to a large number of economists at the Hong Kong Monetary Authority, the Bank of Korea, the Federal Reserve Bank of San Francisco and the World Bank for discussions. Economists at Hitotsubashi University, the Research Department of the International Monetary Fund, the International Division of the Board of Governors of the Federal Reserve Bank System, the Economics Department of the University of California at Santa Cruz and the Institute of International Economics listened to me with patience and provided valuable comments at seminars at those institutions. I especially thank Menzie Chinn and Neil Ericsson.

Final thanks go to where they belong – to my family, and two members in particular. The first is my brother-in-law, Alan Marshall, who started the whole thing in 1982 when he encouraged me to study economics at the University of Melbourne. He bears the ultimate responsibility for everything in this book! The other is Michael Sparks, who has provided unwavering support and shown endless tolerance. This book is dedicated to him.