

## Introduction

This manual contains solutions to selected exercises from *Introduction to Modern Economic Growth* by Daron Acemoglu. Our exercise selection has been guided by a number of principles. First, we have tried to include the exercises that facilitate the understanding of the material covered in the book, for example, the ones that contain proofs to propositions or important extensions of the baseline models. Second, we have included exercises which we have found relatively more useful for improving economic problem-solving skills or building economic intuition. Third, we made an effort to include exercises which seemed particularly challenging. Fourth, we also tried to strike a balance across the chapters. Even with these criteria, making the final selection has not been easy and we had to leave out many exercises which are no doubt important and interesting. We hope the readers will find our selection useful and we apologize up front for not providing the solution of an exercise which may be of interest.

A word on the organization and the equation numbering of the solutions manual may be helpful. The exercises are presented in the same chapters they belong to in the book. Our solutions regularly refer to equations in the book and also to equations defined within the manual. To avoid confusion between the two types of references, we use the prefix “S” for the labels of the equations defined in the solutions manual. For example Eq. (5.1) would refer to the first labeled equation in Chapter 5 of the book, whereas Eq. (S5.1) would refer to the first labeled equation in Chapter 5 of this manual.

Although this version of the manual went through various stages of proofreading, there are no doubt remaining errors. To partly make up for the errors, we will post an errata document on our personal websites which we will commit to updating regularly. In particular we would appreciate it if readers could e-mail us concerning errors, corrections or alternative solutions, which we will include in the next update of the errata document. Our present e-mail and website addresses are as follows:

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An errata document and additional information will also be posted on the companion site for *Introduction to Modern Economic Growth* at: <http://press.princeton.edu/titles/8764.html>

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