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Understanding and modelling the flow of dense granular media is challenging and many questions remain to be answered, despite important advances having been made during the last decade. In this chapter, we first present the basic features of dense granular flows (Section 6.1), before focusing on the rheology of this peculiar liquid (Section 6.2).

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Granular media : between fluid and solid / Bruno Andreotti, Yoel Forterre, Olivier Pouliquen. pages cm Includes bibliographical references and index. ISBN 978-1-107-03479-2 (hardback) 1. Granular materials - Fluid dynamics. I. Forterre, Yoel, 1973- II. Pouliquen, Olivier. III. Title. TA418.78.A53 2013 620 .43 - dc23 2013006089

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