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9.5. LIQUID OUTER CORE 9.6. CONCLUSIONS; REFERENCES; 10 Physical Properties of the Inner Core; ACKNOWLEDGMENTS; REFERENCES; 11 Physical Properties of the Outer Core; 11.1. INTRODUCTION; 11.2. DENSITY AND COMPRESSIBILITY OF LIQUID Fe ALLOYS; 11.3. SOUND VELOCITY OF LIQUID Fe ALLOYS; 11.4. CONSTRAINTS ON THE OUTER CORE COMPOSITION FROM DENSITY AND SOUND VELOCITY; 11.5. TRANSPORT PROPERTIES OF LIQUID Fe ALLOYS; 11.6. CONCLUSIONS; ACKNOWLEDGMENT; REFERENCES; Part IV: Chemistry and Phase Relations of Deep Interior; 12 The Composition of the Lower Mantle and Core; 12.1. INTRODUCTION 12.2. CHONDRITES: BUILDING BLOCKS OF TERRESTRIAL PLANETS
