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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Integration Through Courts: Article 177 As a Pre-Federal Device -- 2. Gender Equality: A Fundamental Dialogue -- 3. Transfers of Undertakings -- 4. Lessons From Some Secondary Areas of Dialogue -- 5. The Complexities of Living With an Interpretation Prerogative-Some Observations on an Imperfect Dialogue.
Sommario/riassunto	"The research underpinning this book was designed to support and further develop ideas already described in broader and more theoretical studies,about the dialogues happening among national courts and the ECJ as a key factor of European integration. The role played by the courts as part of the interplay of institutions within the European Union has been recognised as crucial, and this research, which was conducted at the European University Institute, homes in upon some specific examples. It deals with six Member States of the European Union: Denmark, France, Germany, Italy, Spain and the UK, analysing two select but significant areas of substantive law: transfer of undertakings and equality legislation. The analysis dwells on these key areas, although some other fields of social law were selected in order to prove the main theory underlying the whole research. While on the one hand

	offering a comparative assessment of developments in the six member states chosen for study, the research also highlights national peculiarities as well as the factors perceived to be driving national actors towards the preliminary ruling procedures. This work will be of interest to all scholars of EU law and labour law."--Bloomsbury Publishing.

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V. CONSTANT-VOLUME COMBUSTION CHAMBER VALIDATIONS -- VI. DIESEL ENGINE SIMULATIONS -- VII. SUMMARY AND CONCLUSIONS -- ACKNOWLEDGMENTS -- REFERENCES -- Index.

Sommario/riassunto

High-pressure flows occur in nature, in industrial processes and in manufactured devices but not in human personal experience which is limited to atmospheric pressure. In nature, high-pressure flows are found in petroleum reservoirs, at ocean depths, and in the atmospheres of planets such as Venus. In industry, the enhanced solubility that occurs at high pressures is used to extract certain chemical species; for example, the solubility of caffeine in supercritical carbon dioxide enables production of decaffeinated coffee and tea. Manufactured devices such as diesel engines and liquid rocket engines operate at pressures well above atmospheric pressure. How mixtures of chemical species behave under high-pressure conditions is described by thermodynamics. However, because thermodynamics cannot describe flows, thermodynamics must be coupled to concepts of motion and transport in order to construct a physical description characterizing all relevant processes in high-pressure flows. The chapters in this book describe observations and modeling of high-pressure flows encountered in aeronautics and astronautics. They have been selected to present the current understanding of high-pressure flows. By editorial intent, agreement between authors on all aspects of the high-pressure field of research was not sought as it was felt that revealing where disagreement exists on specific aspects indicates where the new research opportunities are. Experimental, theoretical and numerical studies are all represented in the chapters. Fundamental investigations are presented first, followed by practical studies.