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Nota di contenuto	<p>_GoBack; Foreword; Reader information and acknowledgments; Some commonly used abbreviations; Introduction; General purpose and method: beyond dogmatics; General object: federalism; 1.; Influence and the toolbox concept;; Some preliminary considerations pertaining to method; 1.1 Methodological problems pertaining to the object of the inquiry; 1.2 The toolbox concept ; 2.; Belgian federalism: A cursory overview; 2.1 A doubly stratified federal structure; 2.2 Bipolar and centrifugal federalism institutionalized; ; 2.3 The Constitutional Court situated in the Belgian federal system; 3.</p> <p>The Belgian Constitutional Court and federalism3.1 Different ways of examining (case-)law; 3.2 "Foundational" principles; 3.2.1 Conferral; 3.2.2 Material exclusivity; 3.2.3 Territorial exclusivity; 3.3 "Incidental" principles in the toolbox; 3.3.1 Specific "(con)textual" constraints; 3.3.2 Proportionality; 3.3.3 Federal loyalty; 3.3.4 Implied powers; 3.3.5 Economic and Monetary Union (EMU); 3.4 Interaction in the Constitutional Court's toolbox; 4.; European influence on Constitutional Court case law; 4.1 Preliminary observations; 4.2 European law and the Constitutional Court</p> <p>4.3 European law as a streamlining tool4.3.1 European law as a (quasi) political tool for evacuation of conflict; 4.3.2 European law as an argumentative tool in the context of the EMU; 4.3.3 European law as an</p>

argumentative tool reinforcing cooperation ; 4.4 Rule of law values and the limits of instrumentalization by the Constitutional Court; 4.4.1 Authoritative texts; 4.4.2 Precedent ; 4.4.3 Coherence, with the example of coherent EMU-principles; 4.5 More explanatory value? Two caveats; 5.; Three partial explanations and the road ahead
5.1 Integration of European law in constitutional jurisprudence
5.2 The (ever) expanding Europe; 5.3 Diversity in unity: autonomous concepts; 5.4 The road ahead; Conclusion

Sommario/riassunto

The relationship between EU law and national constitutional law, including constitutional law in federalism matters, has been subject to an ongoing scholarly debate. This monograph contributes to this debate in two ways. The author argues for an approach to constitutional law that goes beyond the classic - coined dogmatic - understanding of constitutional case law regarding federalism as expounded in Belgian academia. Building on that basis, he sets out to rethink the framework within which the connection between EU law and national constitutional law can be understood. The analysis delves int

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Titolo

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Long description: The world of Automotive and Electronics has been changing continuously. Technologies that have been discussed as projects for the future are now available in every new car, and progress toward autonomous driving is visible, although the future will still bring many challenges to master. The AmE is the perfect place to discuss these challenges, both from the technical as well as the legal and societal side. Sensors become more and more powerful which allows to get a better image of the car surroundings. Increasing computational power helps to fuse data from different sources such as RADAR, LIDAR, camera and ultrasound, enhanced and combined with information from Car-2-X communication and off-board services. Nevertheless, there are plenty of unresolved issues. On the hardware side, high computational power requires efficient chips, implemented in state-of-the-art technology, which is right now 7nm. New assembly technologies for vertically stacked dies as they are used in high-end GPUs, lead to very compact devices with a high power density. This implies forced cooling, a new concept with few experiences, in particular with respect to long term reliability. On the software side, the construction of the car surroundings is still far away from being perfect. Whereas scenarios such as driving on a motorway are well understood, it is right now unimaginable to drive a car autonomously through a crowded downtown with thousands of bikes and pedestrians, all with a certain ignorance of the traffic rules. AmE addresses industry as well as academia to improve the communication between the two mentioned worlds, triggering new ideas. AmE is also an excellent platform for presenting research work and getting immediate feedback from application engineering. This interaction is one of the main strengths of the AmE and a real magnet for all participants.