

1. Record Nr.	UNINA9910795583103321
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Titolo	From Washington to St. Petersburg : development of the G20 as a new centre of global governance // Marek Rewizorski
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ISBN	3-8325-9537-6
Descrizione fisica	1 online resource (176 pages)
Disciplina	337.1
Soggetti	Global Governance G20 World Economy Leaders Summits
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	PublicationDate: 20141114
Sommario/riassunto	Long description: In the contemporary world, we can see the increasing risk of crises. In the second half of the first decade of the 21st century the most serious consequences were caused by the economic and financial crisis, the eruption of which in 2007 shattered the foundations of the global economy and revealed the need to include the emerging powers within the framework of global economic governance. One of the centres of a global network structure being the forum for a dialogue between states and non-state entities in the sphere of global governance is the group of twenty (G20). This book is devoted to the analysis of functioning of the G20 at the leaders' level as a relatively new international cooperation club existing since 2008 where top-level representatives of systemically significant countries meet, authorised to make decisions which are of key importance for the international community. The book is divided in two parts. The first part shows the origin, course and meaning of specific historical/political processes which led to the emergence of G20 Leaders'. Also, cause and effect relationships have been indicated and conclusions drawn with regard to

the significance and further functioning of the group. Part two is the analysis of preparation, course and effects of subsequent G20 summits in the years 2008-2013.

2. Record Nr.	UNINA9910631095803321
Autore	Zatuchny Dmitry Alexandrovich
Titolo	Aerospace Radionavigation Systems : Electromagnetic Compatibility // by Dmitry Alexandrovich Zatuchny, Grigory Grigoryevich Negreskul, Oleg Ivanovich Sauta, Artem Yuryevich Shatrakov, Yuri Grigoryevich Shatrakov
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-19-6341-X
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (216 pages)
Collana	Springer Aerospace Technology, , 1869-1749
Disciplina	629.13252
Soggetti	Aerospace engineering Astronautics Measurement Measuring instruments Telecommunication Electrodynamics System theory Control theory Signal processing Aerospace Technology and Astronautics Measurement Science and Instrumentation Microwaves, RF Engineering and Optical Communications Classical Electrodynamics Systems Theory, Control Signal, Speech and Image Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. Methods for evaluating the electromagnetic compatibility of

integrated ground systems and onboard systems -- Chapter 2. Method of obtaining information unintentional interference in radar systems and radio navigation systems with a generator-type -- Chapter 3. Theory of predicting unintended interference of radar and radio navigation equipment due to the properties of the oscillatory system of the microwave generator used -- Chapter 4. Experimental research characteristics that determine the electromagnetic compatibility of radio electronic systems using the space-harmonic analysis -- Chapter 5. Methodology for calculating reference values ring systems -- Chapter 6. Research work stabilitrones generator in sync mode -- Chapter 7. Influence of the output generation method the microwave signal transmission path in the relative level of spurious emissions -- Chapter 8. Electromagnetic compatibility microwavedevices with phase modulation -- Chapter 9. Features of industrial interference in a radar transmitter on stabilitron -- Chapter 10. Calculate electromagnetic fields scattered elements of the airframe -- Chapter 11. Bearing errors causedby scattering of the electromagnetic field by elements of the aircraft body -- Chapter 12. Evaluation of antenna decouplingif there is an electromagnetic shield -- Chapter 13. Ensuring electromagnetic compatibility in civil aviation, taking into account modern requirements -- Chapter 14. Solving problems of electromagnetic compatibility of antenna devices -- Chapter 15. Models of electromagnetic influence radio engineering systems. Calculation of electromagnetic compatibility of navigation systems rsbn and dme.

Sommario/riassunto

This book presents concepts for radio engineers to ensure electromagnetic compatibility based on the methodological approaches to reduce the probability of failures of radio equipment and improve the flight safety of complex aerospace systems. The book deals with issues related to methods for assessing the electromagnetic compatibility of integrated ground and on-board complexes, methods for obtaining information about unintentional interference, the theory of predicting unintentional interference, experimental studies of the characteristics that determine electromagnetic compatibility, methods for calculating reference systems, the influence of the method of generating the output signals of the transmitting path on the relative level of spurious radiation, electromagnetic compatibility of ultrahigh-frequency devices with phase modulation, with the features of industrial noise, with the calculation of electromagnetic fields scattered elements of the airframe, with direction findingerrors caused by the scattering of electromagnetic fields by elements of the airframe, with the evaluation of isolation between antennas in the presence of an electromagnetic screen, solving problems of electromagnetic compatibility of antenna devices with the model electromagnetic interference radio systems, calculation of electromagnetic compatibility of specific navigation systems, with the provision of electromagnetic compatibility in civil aviation, taking into account modern requirements.
