

1. Record Nr.	UNINA9910716901403321
Autore	Austin Samuel H.
Titolo	Forecasting drought probabilities for streams in the northeastern United States / / by Samuel H. Austin
Pubbl/distr/stampa	Reston, Virginia : , : U.S. Department of the Interior, U.S. Geological Survey, , 2021
Descrizione fisica	1 online resource (v, 11 pages) : illustrations (chiefly color), color maps
Collana	Scientific investigations report, , 2328-0328 ; ; 2021-5084
Soggetti	Drought forecasting - Northeastern States Droughts - Northeastern States Streamflow - Northeastern States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (page 11).

2. Record Nr.	UNINA9910637200303321
Autore	Gutowski Armin
Titolo	Neue Instrumente an den Finanzmärkten. : Geldpolitische und bankenaufsichtliche Aspekte
Pubbl/distr/stampa	Berlin : , : Duncker & Humblot, , 2020 ©1988
ISBN	3-428-46315-3
Descrizione fisica	1 online resource (163 pages)
Collana	Schriften des Vereins für Socialpolitik ; v.170
Altri autori (Persone)	BeckerJürgen GutowskiArmin
Disciplina	330.6
Soggetti	Monetary policy Banks and banking Capital market
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Vorwort -- Inhalt -- Hans-Egon Buschgen: Finanzinnovationen - Ein Überblick -- I. Problemstellung -- II. Begriffspräzisierungen -- III. Ursachenanalysen -- IV. Finanzinnovationen und innovative Finanzierungen -- 1. Trend zur "securitization" -- a) Innovationen an den Kapitalmärkten -- aa) Floating rate notes -- bb) Zerobonds -- cc) Anleihen mit Optionen und Doppelwährungsanleihen -- b) Innovationen an den Kreditmärkten -- aa) Euronote facilities -- bb) Transferable loan facilities -- 2. Trend zur "Futurisierung" -- 3. Trend zur "Globalisierung" -- Gerhard Laske: Eine Untersuchung über Innovationen im internationalen Bankgeschäft durch die Notenbanken der Zehnergruppe -- 1. Einsetzung einer Studiengruppe -- 2. Zentralbanken wünschten mehr Informationen und genauere Analyse -- 3. Informationsgespräche mit innovationsfreudigen Banken -- 4. Innovationsbewegung und Strukturwandel -- 5. Die Risiken in Finanztransaktionen -- 6. Die Stabilität des Finanzsystems unter dem Einfluß finanzieller Innovationen -- 7. Konsequenzen für die Geldpolitik -- 8. Fragen der Bilanzierung und der statistischen Erfassung -- 9. Die Zukunft des Innovationsprozesses -- Dietmar Kath: Die Bedeutung neuer Finanzierungsinstrumente für den Wandel der finanziellen

Struktur in der Bundesrepublik Deutschland -- I. Problemstellung -- II. Finanzielle Bedürfnisse und Finanzierungsinstrumente -- III. Das System der finanziellen Markte -- IV. Die Interdependenz der finanziellen Markte -- V. Der Einfluß neuer Finanzierungsinstrumente auf die Interdependenz der finanziellen Markte -- VI.

Schlußbemerkungen -- Literatur -- Karl-Heinz Ketterer: Finanzinnovationen und Geldpolitik Einige Ergebnisse im Überblick -- I. -- II. -- III. -- IV. -- V. -- Anhang zur Herleitung des DIVISIA-Index -- Literatur.

Hans-Hermann Francke: Zur Wirkung von Finanzinnovationen auf den Transmissionsprozeß monetarer Impulse -- A. Problemstellung -- B. Merkmale und Ursachen von Finanzinnovationen -- I. Gemeinsame Merkmale unterschiedlicher Erscheinungsformen -- a) Finanzinnovationen als internationales Phänomen -- b) Finanzinnovationen als Erweiterungen des risikopolitischen Instrumentariums -- II. Angebotsseitige Ursachen und Ausprägungen -- a) Angebotsseitige Ursachen -- b) Typisierung von Finanzinnovationen -- C. Wirkungen auf die Struktur der Finanz- und Gutermarkte -- I. Finanzmarkte -- a) Die vorherrschende Hypothese -- b) Kritische Einwendungen -- II. Gutermarkte und Transmissionsprozeß monetarer Impulse -- a) Die vorherrschende Hypothese -- b) Kritische Einwendungen -- D. Konsequenzen für die Geldpolitik -- a) Veränderte Stabilisierungsmöglichkeiten -- b) Geldpolitik in einer "moneyless economy" -- Literaturverzeichnis -- Jürgen Becker: Bankaufsichtliche Aspekte bei Finanzinnovationen -- 1. -- 2. Umwandlung von Buch-Krediten in Wertpapierform -- 2.1 Eigenkapitalgrundsatz -- 2.2 Liquiditätsgrundsätze -- 2.3 Zinsänderungsrisiken -- 2.4 Rückgriff der Wertpapieremittenten auf die Kreditinstitute -- 2.5 Rückgriff auf die Märkte als "Liquiditätsersatz" -- 3. Umwandlung von Buchverbindlichkeiten in Wertpapierform -- 3.1 Liquiditätsgrundsätze -- 3.2 Einlegerschutz -- 4. Euronotes - Fazilitäten -- 5. Swap-Vereinbarungen -- 6. Optionsgeschäfte -- 6.1 Devisen-Optionsgeschäfte -- 6.2 Wertpapier-Optionsgeschäfte -- 7. Financial Futuresgeschäfte -- Ekkehard Storck: Probleme der Geschäftsbanken bei Finanzinnovationen -- A. Aspekte der aktuellen Marktsituation -- B. Risikoeinschätzung der neuen Finanzierungsinstrumente im einzelnen -- I. Risiken bei Euro-Notes -- II. Risiken bei Zins- und Währungswaps -- III. Risiken bei Optionsgeschäften.

IV. Risiken der Forward Rate Agreements -- C. Auswirkungen der neuen Finanzierungsinstrumente auf die Banken -- I. Veränderungen der Interessen- und Wettbewerbslage -- II. Geschäftspolitische Konsequenzen -- III. Veränderte Anforderungen an die innere Organisation der Banken -- D. Stellungnahme zu Maßnahmen der Aufsichtsbehörden -- E. Ausblick.

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## Sommario/riassunto

Inhaltsverzeichnis Inhalt: H.-E. Buschgen, Finanzinnovationen: Ein Überblick - G. Laske, Eine Untersuchung über Innovationen im internationalen Bankgeschäft durch die Notenbanken der Zehnergruppe - D. Kath, Die Bedeutung neuer Finanzierungsinstrumente für den Wandel der finanziellen Struktur in der Bundesrepublik Deutschland - K.-H. Ketterer, Finanzinnovationen und Geldpolitik. Einige Ergebnisse im Überblick - H.-H. Francke, Zur Wirkung von Finanzinnovationen auf den Transmissionsprozeß monetarer Impulse - J. Becker, Bankaufsichtliche Aspekte bei Finanzinnovationen - E. Storck, Probleme der Geschäftsbanken bei Finanzinnovationen

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3. Record Nr.	UNINA9910337634703321
Titolo	31st International Symposium on Shock Waves 1 : Fundamentals / / edited by Akihiro Sasoh, Toshiyuki Aoki, Masahide Katayama
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-91020-5
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (xx, 1234 pages) : illustrations (some color)
Disciplina	531.1133
Soggetti	Aerospace engineering Astronautics Continuum mechanics Fluid mechanics Physical chemistry Computational intelligence Aerospace Technology and Astronautics Continuum Mechanics Engineering Fluid Dynamics Physical Chemistry Computational Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter1.Aerodynamic Testing at Duplicated Hypersonic Flight Conditions with Hyper-Dragon -- Chapter2.Shock wave research: Remembrance of Professor I. I. Glass -- Chapter3.Legacy at T5 -- Chapter4.Experimental studies of shock wave phenomena at the Ben Gurion University ? A Review -- Chapter5.Shock Compression Spectroscopy Under a Microscope -- Chapter6.Research on Shock-induced Aerothermodynamics for Future Planetary Explorations -- Chapter7.Kinetic shock Tubes: Recent developments for The study of homogeneous and heterogeneous chemical processs -- Chapter8. Structure and Unsteadiness of 3D Shock Wave / Turbulent Boundary Layer Interactions. -- Chapter9.Propagation Behavior and Mitigation of Shock Wave along Water inside a Rectangular Tube -- Chapter10.Dust

Lofting behind shock waves what is the dominate Lofting Mechanism -- Chapter11.Development of a fast running method for blast wave propagation -- Chapter12.On the Energy Exchange Mechanisms Controlling Blast and Fragment Evolution in a Responding Stone Pipe -- Chapter13.Interaction of a Blast Wave with a Material Interface -- Chapter14.Laboratory simulation of explosions using conical shock tubes -- Chapter15.Shock Tube Study of the Effect of Nitric Oxide Addition on Ignition Delay Times of n-Dodecane/Air Mixtures -- Chapter16.Ignition Delay Times of Methane and Hydrogen Highly Diluted in Carbon Dioxide -- Chapter17.A Study of the Chemiluminescence of \*, \*, 2\* and 2\* during the Oxidation of C2H2 behind Reflected Shock Waves -- Chapter18.A Study on Soot Formation Characteristics of a Gasoline Surrogate Fuel Using a Shock Tube -- Chapter19.Effect of Dimethyl Methylphosphonate (DMMP) Addition on H2, CH4, and C2H4 ignition Behind Reflected Shock Waves -- Chapter20.CO and H2O Time-histories in a Shock-heated H2S/CH4 Blend near Atmospheric Pressure -- Chapter21.Thermochemical nonequilibrium modeling of O2 -- Chapter22.State-Resolved Transport Properties of Electronically Excited High-Temperature Flows behind Strong Shock Waves -- Chapter23.Oxygen Catalytic Recombination on Titanium Surface -- Chapter24.Computations of a Shock Layer Flow with a Vibrational-Specific Kinetics Model -- Chapter25.A One-dimensional Modeling of Seed-electron Generation and Electron Avalanche in Laser-supported Detonation -- Chapter26.PLIF-based concentration measurement of OH behind the blast wave emanating from an oxy-hydrogen detonation-driven shock tube -- Chapter27. Flame Propagation over the Heat Absorbing Substrate -- Chapter28. Propagation Mechanism of Detonations in Rough Walled Tube -- Chapter29.Effect of hydrodynamic instabilities on the development of hydrogen-air flame -- Chapter30.Characteristics of Crumpling Behavior of Graphene Oxide and Its Effects on Deflagration-to-Detonation Transition -- Chapter31.Detonation decay and flame propagation through a channel with porous walls -- Chapter32.Gas Flow with Stabilized Detonation in a Plane Channel -- Chapter33.Numerical Investigation on Vibrational Nonequilibrium Effect on ZND detonation model -- Chapter34.Stabilities of Rotating Detonation -- Chapter35. The influence of shock reflections on detonation re-initiation -- Chapter36.Experimental studies around shock tube for dynamic calibrations of high-frequency pressure transducers -- Chapter37. Effect of Imaging Blurring on 3D Computed Tomography of Chemiluminescence -- Chapter38.Time-Resolved Optical Flow of Supersonic Beveled Nozzles -- Chapter39.The Effect of Adaptive Sampling on Fluorescence Velocimetry Measurements in High-Speed Flows -- Chapter40.High-resolution background oriented schlieren technique for a laser-induced underwater shock wave -- Chapter41. Evaluation of the effect of an air plasma on the degradation of metallic coatings based on an analysis of the emission from the air behind the front of strong shock waves in the spectral range of 120400 nm -- Chapter42.Application of NO Laser Induced Fluorescence in JF-10 Detonation-Driven Shock Tunnel -- Chapter43.Molecular Tagging Velocimetry of NH Fluorescence in a High-enthalpy Rarefied Gas Flow -- Chapter44.Measurements of Jet A-1 Vapor Concentration Using Quantum Cascade Laser -- Chapter45.Temperature Measurement in a Shock Tunnel Using Tunable Diode Laser Absorption Spectroscopy -- Chapter46.Measurement and Formulation of Velocity, Attitude and Trajectory of Moving Object Using Magnet-Coil Method for High-Speed Penetration Experiment -- Chapter47.Investigations of density field on a flat plate shock-boundary layer interaction at Hypersonic speeds

using BOS -- Chapter48.Schlieren Tomography to Visualise Three Dimensional Supersonic Flows -- Chapter49.Interaction of a planar shock wave with a water surface -- Chapter50.Basic Experiment on Focusing Schlieren PIV Method with LED Light Source -- Chapter51. Boundary-Layer Transition Detection at High Enthalpy Flow Conditions using Temperature-Sensitive Paint -- Chapter52.Development of Sprayable Ultrafast-PSPI for Unsteady Flow -- Chapter53.Three-Dimensional Measurement of the Lateral Jet / Cross FlowInteraction Field by Colored-Grid Background Oriented Schlieren (CGBOS) Technique -- Chapter54.Numerical Investigation of Dust Lifting Induced by Vertical Shock Wave -- Chapter55.Gas Surface Interaction of Carbon Ablator in a Shock Tube -- Chapter56.Numerical Simulations of Shock Wave Interaction with a Water Droplet by Sharp Interface Methods -- Chapter57.High Order Hybrid Compact-WENO-Z Finite Difference Scheme for Hyperbolic Conservation Laws -- Chapter58.A fast mathematical modelling method for aerodynamic-heating predictions -- Chapter59.A Multi-Space Interrelation Theory for Correlating Aerodynamic Data from Hypersonic Ground Testing -- Chapter60.Reynolds Stress Models for Shock ? Turbulence Interaction -- Chapter61.On the analysis of full-spectrum k-distributions databases for thermal radiation in shock waves within CO<sub>2</sub> rich atmospheres -- Chapter62.Measurement of Electron Density by Heterodyne Interferometer for Atmospheric Pressure Plasmas -- Chapter63.Parametrical Quasiresonant Amplification of Alven Waves in Heat-Releasing Isentropic Unstable Medium -- Chapter64.Two-Dimensional MHD Structures in Heat-Releasing Plasma -- Chapter65. Mode transition from fast gas-ionization wave to laser-supported detonation wave -- Chapter66.Gas-Dynamic Flow behind Shock Wave Initiated by a Sliding Surface Discharge Channel -- Chapter67.Jet Formation of SF<sub>6</sub> Bubble Induced by Incident and Reflected Shock Waves -- Chapter68.Interaction of Cylindrical Converging Shock Wave with SF<sub>6</sub> Gas Bubble -- Chapter69.Numerical Study on Converging Richtmyer-Meshkov Instability -- Chapter70.Light/heavy converging Richtmyer-Meshkov instability in a conventional shock tube -- Chapter71.The Imploding Cylindrical Richtmyer-Meshkov Instability with a Two-Fluid Plasma Model -- Chapter72.Experimental Study on a Single-mode Interface Impacted by a Converging Shock -- Chapter73. The Richtmyer-Meshkov instability of a flat interface initiated by a perturbed shock -- Chapter74.A study of variable density mixing with reshock -- Chapter75.Wave Patterns in the Interaction of an Incident Shock with a Heavy Elliptic Gas Cylinder -- Chapter76.Reshocked Richtmyer-Meshkov instability: Numerical study on interface stretch and vortex cores characterization -- Chapter77.Self-generated magnetic fields in the plasma Richtmyer-Meshkov instability -- Chapter78.The Evolution of a Square SF<sub>6</sub> Gas Cylinder Impacted by a Converging Shock Wave -- Chapter79.Electron shock dynamics in the two-fluid plasma Richtmyer-Meshkov instability -- Chapter80.The Evolution of Concentration and Velocity-Fluctuations in the Richtmyer-Meshkov Instability -- Chapter81.Numerical Investigation of High-Temperature Effects in a Shock-Bubble Interaction. -- Chapter82. Transmitted wave of shock wave through various materials -- Chapter83.Numerical investigation of the interaction between a planar shock wave with a square bubble containing different gases -- Chapter84.Underwater Shock Wave by Explosion in a Closed Space -- Chapter85.Collision of underwater explosion with compressible porous wall -- Chapter86.Disturbance Waves behind the Shock Propagating through Non-uniform Gas -- Chapter87.Study on Mach stem shape of the asymmetric Mach reflection -- Chapter88.Experimental and

numerical investigations of a shock wave propagation through a bifurcation -- Chapter89.The Reflection of Cylindrical Shock-Waves on Cylindrical Walls -- Chapter90.On InMR-TRR Transition on a Concave Cylindrical Reflector -- Chapter91.Reflection of a Planar Shock Wave over a Concave Double Wedge -- Chapter92.Shock Wave Reflections from a Plane of Symmetry -- Chapter93.The influence of short acting pressure driver pulses on the behavior of shock waves in micro shock tubes -- Chapter94.Investigation of an Expansion Fan/Shock Wave Interaction between High Aspect Ratio Wedges -- Chapter95.  
Interaction of multiple cylindrical expanding shock waves -- Chapter96.Shock Interaction on a V-shaped Blunt Leading Edge -- Chapter97.Delayed Ventilation of Partially Confined DetonationProducts by Shock Reflection from a Convergent Nozzle Opening -- Chapter98. Geometrical perception of convex surface reflections -- Chapter99. Numerical Simulation of Supersonic/Hypersonic Flow for TSTO's Staging Separation -- Chapter100.Experimental Study of Normal Shock Wave-Isotropic Turbulence Interaction Using Counter-Driver Shock Tube -- Chapter101.Numerical Studies on Form of Weak Shock Reflection over Wedges -- Chapter102.Shock Wave Generation Method using High-Speed Jet -- Chapter103.Analytical Prediction of Mach Stem Height for Asymmetric Wedge Reflection in 2-D Steady Flows -- Chapter104. Upstream Pressure Induced MR-RR Shock Transitions -- Chapter105. Revisiting Shock Propagation in a Temperature Gradient -- Chapter106. On Hysteresis at Axisymmetric Curved Shock Reflection from an Axial Cylinder -- Chapter107.Singularity formation in the geometry of perturbed shocks -- Chapter108.A Gen.

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## Sommario/riassunto

This is the first volume of a two volume set which presents the results of the 31st International Symposium on Shock Waves (ISSW31), held in Nagoya, Japan in 2017. It was organized with support from the International Shock Wave Institute (ISWI), Shock Wave Research Society of Japan, School of Engineering of Nagoya University, and other societies, organizations, governments and industry. The ISSW31 focused on the following areas: Blast waves, chemical reacting flows, chemical kinetics, detonation and combustion, ignition, facilities, diagnostics, flow visualization, spectroscopy, numerical methods, shock waves in rarefied flows, shock waves in dense gases, shock waves in liquids, shock waves in solids, impact and compaction, supersonic jet, multiphase flow, plasmas, magnetohydrodynamics, propulsion, shock waves in internal flows, pseudo-shock wave and shock train, nozzle flow, re-entry gasdynamics, shock waves in space, Richtmyer-Meshkov instability, shock/boundary layer interaction, shock/vortex interaction, shock wave reflection/interaction, shock wave interaction with dusty media, shock wave interaction with granular media, shock wave interaction with porous media, shock wave interaction with obstacles, supersonic and hypersonic flows, sonic boom, shock wave focusing, safety against shock loading, shock waves for material processing, shock-like phenomena, and shock wave education. These proceedings contain the papers presented at the symposium and serve as a reference for the participants of the ISSW 31 and individuals interested in these fields.

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