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Methylsulphonyl Groups; D . Other Metatheses; (1) Hydroxy- to Chloropyrimidines; (2) Hydroxy- to Mercapto-pyrimidines; (3) Mercapto- to Hydroxy-pyrimidines; (4) Mercapto- to Amino-pyrimidines; (5) Amino- to Hydroxy-pyrimidines
(6) Amino- to Chloro-pyrimidines(7) Replacements of Quaternary Amino Groups; E . Addition Reactions; (1) Quaternization; (2) Formation of N-Oxides; (3) Addition of Hypobromous Acid; (4) Addition of Water; (5) Addition of Grignard Reagents and Lithium Alkyls; F . Oxidative Reactions; G . Reductive Reactions; (1) Nuclear Reduction; (2) Reductive Removal of Groups; (3) Reductive Modification of Groups; H . The Modification of Substituents; (1) Amino Groups; (2) Hydroxy Groups; (3) Mercapto Groups; (4) Methyl Groups; I . A Free Radical Reaction; 5 . Physical Properties of Pyrimidines
A . Electronic StructuresB . Ionization Constants; C . Spectra; D . Dipole Moments; E . Polarography; F . Solubility and Melting Point; Chapter II . The Principal Synthetic Method; 1 . General Scope; 2 . Use of B-Dialdehydes; 3 . Use of B-Aldehydo Ketones; 4 . Use of B-Diketones; 5 . Use of B-Aldehydo Esters; A . Aldehydo Esters with Thioureas; B . The Davidson-Baudisch Synthesis; C . The Use of α -Ethoxymethylene Esters; 6 . Use of B-Keto Esters; A . Keto Esters with Thioureas; B . Keto Esters with Amidines; C . Keto Esters with Guanidines; D . Keto Esters with Urea and Derivatives
7 . Use of B-Diesters (Malonic Esters)A . Malonic Esters and Amidines; B . Malonic Esters with Urea and its Alkyl Derivatives; C . Malonic Esters with Thiourea and Derivatives; D . Malonic Esters with Guanidine and its Alkyl Derivatives; 8 . Use of B-Aldehydo Nitriles; A . Aldehydo Nitriles with Ureas; B . Aldehydo Nitriles with Thioureas; C . Aldehydo Nitriles with Amidines; D . The Whitehead Synthesis of Cytosine Derivatives; E . Aldehydo Nitriles with Guanidine; 9 . Use of B-Keto Nitriles; 10 . Use of B-Ester Nitriles; A . Ester Nitriles with Amidines
B . Ester Nitriles with Urea and Alkyl Ureas

Sommario/riassunto

Chemistry of Heterocyclic Compounds publishes articles, letters to the Editor, reviews, and minireviews on the synthesis, structure, reactivity, and biological activity of heterocyclic compounds including natural products. The journal covers investigations in heterocyclic chemistry taking place in scientific centers of all over the world, including extensively the scientific institutions in Russia, Ukraine, Latvia, Lithuania and Belarus.
