



CONTENTS OF VOLUME 18

Number 1

Bis(1,2-(substituted diphenyl)-1,2-ethanedithiolato)nickels having High Solubility H. NAKAZUMI, R. TAKAMURA, T. KITAO & T. ADACHI (Japan)	1
The Stability and Reversibility of the Dye–Cellulose Bond for Vinylsulfonyl Reactive Dyeings ZENZO MORITA, IN HOI KIM & HIROMI MOTOMURA (Japan)	11
The Effect of Benzyl Alcohol on the Glass-Transition Temperature and Dyeing Behaviour of Wet Courtelle S by Means of DMA D. AITKEN, S. M. BURKINSHAW & D. M. PRICE (UK)	23
Predicting the Precipitation of Acid and Direct Dyes in Natural Waters MIAOLIN HOU & GEORGE L. BAUGHMAN (USA)	35
Synthesis and Characterization of 5-Cyano-6-methyl-2,2'-bipyridine Metal- Complex Dyes MASAKI MATSUI, KOICHI MATSUMOTO, KATSUYOSHI SHIBATA & HIROSHIGE MURAMATSU (Japan)	47
Compatibility of Acid Dyes on Nylon SADAHARU ABETA (Japan)	57
An Investigation into the Synergism of Monoazoacetoacetanilide Pigments . . LIU DONGZHI & REN SHENGWU (People's Republic of China)	69

Number 2

Structural Determination of an FD & C Red No. 3 Contaminant EUGENE P. MAZZOLA, ROBERT J. CALVEY, WILLIAM C. BRUMLEY, MARTIN B. MEYERS, SANDRA J. BELL, STEPHANIE E. LENZENWEGER (USA) & WILLIAM F. REYNOLDS (Canada)	81
Efficient Synthesis of Phthalocyanines and Related Macrocyclic Compounds in the Presence of Organic Bases DIETER WÖHRLE, GÜNTER SCHNURPFEIL & GERHARD KNOTHE (FRG)	91

The Application of Some Alkyl Esters of Alkoxy Derivatives of <i>N</i> -Benzyl- <i>N</i> -phenyl- β -alanine in the Synthesis of 3-Amino-5-nitro[2,1]benzisothiazole-Based Dyes	103
JOLANTA SOKOŁOWSKA-GAJDA (Poland)	
5,6-(6,7-)Dichlorobenzothiazolylazo Dyes for Synthetic-Polymer Fibres	115
A. T. PETERS & N. M. A. GBADAMOSI (UK)	
The Synthesis and Characterization of UV-Absorbing Azo-Pigments and Their Polymerizable Acryloyloxy and Methacryloyloxy Derivatives	125
KHAMIS F. SHUHAIBAR (Kuwait)	
A Study on the Synergism and Crystal Form of some Dichlorobenzidine Disazo Yellow Pigments	137
ZHENG SHENMIN, LIU DONGZHI & REN SHENGWU (People's Republic of China)	
Synthesis, Structure, and Spectra of Merocyanines Prepared from Anionic Polymethine Dyes.	151
S. V. POPOV, YU. L. SLOMINSKY, M. L. DEKHTYAR & A. B. ROZHENKO (Ukraine)	
<i>Number 3</i>	
Synthesis and Properties of Acid Dyes Derived from 3-Hydroxy-2-naphthanilides K. BLUS & J. KRASKA (Poland)	163
Ionization and Tautomerism of Chloro-Derivatives of Fluorescein in Water and Aqueous Acetone.	179
NIKOLAY O. MCHEDLOV-PETROSSYAN, MIKHAIL I. RUBTSOV & LYUBOV L. LUKATSKAYA (Ukraine)	
Kinetic and Thermodynamic Characteristics of Azo Dyes for Polyester Fibre in the Presence of Phenol as a Carrier	199
A. ARCORIA, F. FATUZZO & M. L. LONGO (Italy)	
Solid-state ^{13}C NMR CP MAS High-resolution Spectroscopy of Chromogens: Structural Aspects of Problem	207
L. A. FEDOROV, A. I. REBROV (Russia) & SHEN LIANFANG (People's Republic of China)	
Properties of Azo Dyes Derived from 2-(<i>N</i> -substituted alkyl- <i>N</i> -arylamino)ethyl-trimethyl-ammonium Salts. Part I: Phenylamino Derivatives	227
A. PENCHEV, N. GADJEV, D. SIMOV, B. HADJIEVA & N. BALABANOVA (Bulgaria)	
The Distribution Diagram and the Visible Spectra of <i>o</i> -Methyl Red Species in Aqueous Solutions	237
KHALID M. TAWARAH (Jordan)	

Number 4

The Chromophore of Phenylazo-1,3-indandiones: The Azo Group or the Cyclopentadienyl Cation Fragment?	251
FRITZ DIETZ, KERSTIN ROMMEL (Germany) & NIKOLAI TYUTYULKOV (Bulgaria)	
Fading of Some Vinylsulfonyl Reactive Dyes on Cellulose under Various Conditions	259
YASUYO OKADA & ZENZO MORITA (Japan)	
Hydrazone-Azo Tautomerism of Pyridone Azo Dyes. Part III—Effect of Dye Structure and Solvents on the Dissociation of Pyridone Azo Dyes	271
QINJI PENG, MUJIE LI, KUNYUU GAO & LUBAI CHENG (People's Republic of China)	
The Thermal <i>cis-trans</i> Isomerization of Azo Dyes Dispersed in Polymeric Blends as a Probe for Characterizing their Morphology	287
ERNESTINA DUBINI-PAGLIA, PIER LUIGI BELTRAME, RAFAELLA OSTI, BRUNO MARCANDALLI & ALBERTO SEVES (Italy)	
Dye-resist Effects on Silk Fabric Treated with Sulphamic Acid and Sandospace R I. N. SUPRIYATNA & S. K. DAVID (Australia)	297
Analysis of Reactive Dyes and Related Derivatives Using High-Performance Capillary Electrophoresis	309
S. N. CROFT & D. M. LEWIS (UK)	