CONTENTS

Mechanics of 1x1 rib loop formation on a dial and cylinder machine:  
Part II—Measurement of cam force  
Sadhan Chandra Ray & P K Banerjee  
239

Mechanics of 1x1 rib loop formation on a dial and cylinder machine:  
Part III — Validation of the model  
Sadhan Chandra Ray & P K Banerjee  
246

Properties of woven fabrics containing core-sheath DREF-III yarn in weft  
S M Ishtiaque, A Das & P Yadav  
260

Effect of phase change material content on properties of heat-storage and  
thermo-regulated fibres nonwoven  
X X Zhang, X C Wang, H Zhang, J J Niu & R B Yin  
265

Using the FAST system to establish translation equations for the drape coefficient  
Lai Sang-Song  
270

A new type of microprocessor controlled positive dobby  
Guo Yueyang & Chen Ruiqi  
275

Studies on air-jet textured sewing threads  
R S Rengasamy, V K Kothari, R Alagirusamy & S Modi  
281

Lint shedding propensity of cotton and blended yarns  
Arindam Basu & Rajanna L Gotipamul  
288

Influence of thermal treatment on properties of friction-spun core yarns  
S M Ishtiaque, A Das & P Yadav  
295

Influence of draw-off nozzle profile on bulk and related properties of  
acrylic-cotton OE rotor-spun yarns  
G K Tyagi, Anil Gupta & Amarjot Singh  
301

Coil length of binder and covering components of complex structure yarns  
Salvinija Petrulyte & Donatas Petrulis  
308

—Contd
Effect of solvent pretreatment and selective dye bath additives on physical properties and dyeing behaviour of microdenier polyester fabric
A K Samanta, A Konar, D Ghosh & S Acharya

Bacteria-resist finish on cotton fabrics using natural herbal extracts
R K Sarkar, Purushottam De & P D Chauhan

Neutral dyeing of polyacrylamide - hydrazine treated cotton with reactive dyes
S D Bhattacharya & B J Agarwal

Dyeing of jute with natural dyes
N C Pan, S N Chattopadhyay & A Day

Alkali deweighting of acid-modified multicomponent copolyester fibre
Ruxin Yang

Review Article

Structure and structure-property relationship in native cotton:
Some challenges to breeders
A V Moharir

Short Communication

Irregularity and imperfections in ring-spun yarns
R V Mahendra Gowda