

SUBJECT INDEX

A

Adrenal gland, cortex, 213
 Anisometry, 113
 Anisotropy, 113

B

Bacterial biomassdetermination, 123
 Boundary effect, 113

C

Calcitonin, 223
 Carbide particles, 63
 Collagen type I, 137
 Comminution, 103
 Composite materials, 103
 Computer modeling, 73
 Computer simulation, 73
 Contrast definition, 85
 Convex particle, 55

D

Davy index of liberation, 103
 Directed measurements, 149
 Distal tubular transport, 233
 Distribution function, 25

E

Epifluorescence microscopy, 123

F

Fibrillogenesis, 137
 Fractography, 37, 149
 Freeze-fracturing, 131

G

Grain faces, 43
 Grain growth, 181
 Grain shape, 175
 Grain size, 73, 175, 181
 Granulometric analysis, 7, 137
 Granulomorphy, 7
 Grey tone functions, 7

H

Heterogeneous structures, 149
 High-speed steels, 63
 Human vision, 85
 Hydrocortisone, 213

I

Image filtering, 123
 Image modeling, 85
 Image segmentation, 123
 Integral equations, 193
 Intergranular surface, 43
 Interlamellar spacing, 25

L

Lamellar microstructure, 25
 Logarithmic images, 85

M

Mast cells, 223
 Metal, 43
 Mineral liberation, 103
 Mitochondrial membranes, 131
 Model test, 203
 Mous, 223

N

Nonrandomness, 43

O

Optical diffraction, 97

P

Parafollicular cells, 223

Pearlite, 25

Perchlorate, 223

Plane cross-sections, 167

Plastic deformation, 175

Proximal tubular transport, 233

Q

Quadrat testing, 55

Quantitative metallography, 63, 73

Quantitative power spectrum, 97

R

Random plane section, 203

Rat, 213

Reinforcement ratio, 113

Renal ischemia, 233

Roughness parameters, 37, 149

S

Shape, 7, 55, 63

Silicon-intensified target
video camera, 123

Size, 63

Size correlation, 55

Size distribution, 7, 181

Spatial POISSON-VORONOI
tessellation, 203

Spermatogenesis, 131

Stability of solutions, 193

Steel wire reinforced concrete, 113

Stereometric equations, 37

Stochastic geometry, 203

Structural modeling, 113

Structure simulation, 167

Surface roughness, 37

T

Texture, 7

Thermomechanical processing,
181

Thyrotropin, 223

Thyroxine, 223

U

Ultrastructural markers, 233

V

Vertical sections, 149