

SUBJECT INDEX

A

Adenohypophysis, 57
 Alcohol, long-term
 consumption, 101
 Anisotropy, 11
 Areal cover, 3

B

Bacterial endotoxin, 75
 Biopedology, 11

C

Carcinoembryonic
 antigen, 71
 Chick embryos, 63
 Computer programs, 139
 Connectivity, 113
 Contractile filaments, 79
 Contrast intensification,
 175

D

Dense bodies, 79
 Depth of focus, 19
 Diagnostic histopatho-
 logy, 33
 Digital processing, 51
 Distribution, cumulati-
 ve, 27
 Distribution, von Mises,
 11

E

Efficiency, relative, 3
 Electronmicrograph, 57
 Error estimation, 27, 165
 Euclidean plane, 113
 Euler number, 113

F

Form factors, 159
 Fourier analysis, 159
 Fractal dimension, 159

G

Geodesic convexity, 169
 Geodesic metric, 169
 Geodesic radius, 169.

H

HASTELLOX X, 175
 Histopathology, 89
 Humus profile, 11

I

Image analysis, 113, 139
 Inhalation, 75
 Insulin secretion, 67
 Intersection density,
 11, 181
 Length, 169
 Line intercept, 23
 Lipopolysaccharide, 75
 Lymph nodes, 39

M

Mean feature intercept, 93
 Mean inter-feature free
 path, 93
 Measurement, 85
 Media, arterial, 85
 Medical curriculum, 89
 Metallography, 175
 Minerals, mixed, 51
 Mitosis, 63
 Mouse, 19
 Muscle mechanics, 79

N

Nickel, 47

O

Optic cup, 63

Orientation coefficients, 181

Ovarian tumours, 71

P

Pancreas, exocrine, 101

Pancreatic islets, 67

Particle number, 19

Perfusion staining, 67

Point counting, 3, 139

Polymorphonuclear leukocytes, 75

Pore structure, 47

Postcapillary venules, 39

Precipitates, 175

Profile, 159

Progesterone, 93

Propagation, 169

Pulmonary arteries, 85

R

Rat, 93, 101

Reconstruction, three-dimensional, 139

Reproducibility, 33, 39, 71

Rose of orientation, 181

S

Section thickness, 165

Shape, 159

Sintering, 47

Size distribution, 139, 165

Slice thickness, 19

Smooth muscle, 79

Sphere distribution, 57

Statistical aspects, 33

Student education, 89

Subjective grading, 39

Sudden infant death syndrome, 85

Surface elements, concave, 23

Surface elements convex, 23

Surface roughness, 181

Surface elements, saddle, 23

Synapses, 43

T

Thick section, 57

Thyroid gland, 19

Tolerization, 75

Topological analysis, 47

True surface area, 181

U

Unfolding sphere, 165

Uterus, stromal geometry, 93

X

X-ray microanalysis, 51