

INDEX

A

- Abscissa, x-coordinates 15
- Angle 26
- Apure of Monge 16
- Axis
 - coordinate 15, 17
 - projection 15, 17
 - rotation 55
- Axonometric projections 74
 - prism 77
 - pyramid 76
 - circle 80, 83
 - oblique-angled 82
 - orthogonal 76

B

- Ball surface 63
- Body (solid) of revolution
 - ball 57, 63
 - cone 56, 60
 - cylinder 58

C

- Coaxial surfaces 68
- Coefficients of distortion 75
- Complex drawings 16
- Cone 56, 60 62
- Connection line 16
- Contact
 - bilateral 71
 - unilateral 71
- Coordinate 15
- Coordinate axes 15
- Coordinate system 15
- Cross-hatching lines 80
- Curve line 54
- Cylinder 58

D

- Descriptive geometry 7
- Diametric 78
- Drawing
 - line-segment 19
 - point 15

E

- Ellipse 59, 62
- Ellipsoid 58
- Equator 63
- Evidence 18

G

- Generating line, (generator) 51
- Gorge circle 55
- Graphical representation 16
- Guide line 51, 54

H

- Height 15
- Helices 54
- Helicoids 54
- Hyperbola 54
- Hyperboloid 58

I

- Isometric 75

L

- Length 15
- Level line 19
- Line

- general position 18
- intersecting 23
- parallel 24
- particular position 18
- skew 25

M

- Meridian 55
- Method, (way, procedure)
 - concurrent points 25
 - replacing planes of projection 43

O

- Ordinate, y- coordinate 15
- Origin of coordinates 15
- Outline of surface 55

P

Parabola 58, 60

Paraboloid 58

Parallel 56

Pictorial, (picture) plane 74

Plane

- plane of general position 31
- plane of particular position 31
- projection 9

Plane compartment 29

Polyhedron 52, 54

Principal lines of the plane

- frontal 36
- horizontal 36
- profile line 36

Prism 51, 52

Projection

- axonometric 74
- central 9
- line 12, 18
- orthographic 15
- parallel 11
- point 16
- secondary 75

Projection centre 9

Pyramid 52

R

Reversibility of a drawing 13

Right angle 26

S

Screw motion 56

Section

- of ball 63
- of cone 61
- of cylinder 58
- of pyramid 53

Side, (face) 51, 55

Size 26

- natural 27
- true 27

Sphere 57, 63, 66

Spiral line 64

Spiral staircase 64

Surface

- polyhedral surface 50

- spiral surface 54
- surface of cone 56, 60
- surface of cylinder 56, 58
- surface of prism 51
- surface of pyramid 51
- surface of rotation 55
- surface of sphere 63
- tore 57
- torso 55

T

Tore 57

Torso 55

Trace

- plane 29
- line 22

Trimetric 74

V

Vertex 51

Visibility 24

Z

z-axis, z-coordinates 15