

Index

Abelian period	I.4
Affinoid space (Berkovich)	I.1.3.2
Analytic continuation	I.1, I.2, I.3.3
Berkovich geometry	I.1.3
Bruhat-Tits tree	II.5.3
Convergent isocrystal	II.3.6
Covering (algebraic)	III.1.2.3
Covering (etale)	I.1.4, III.1.2.3
Covering (locally algebraic)	III.1.5
Covering (tempered)	III.2
Covering (topological)	I.1.4, III.1.2.3
Critical prime	II.4.3.4
Dieudonné crystal	II.3.2
Dieudonné module	II.3.1
Drinfeld's half space	II.5.3
Dwork's exponential	I.2.4.5
Dwork's hypergeometric function	I.3.1
Dwork-Serre-Tate parameter	I.3.4
Escher's triangle group	III.6.1
Exponential sum	I.2.6
Fake elliptic curve	II.4.3.4
Fontaine ring	I.4.3
Frobenius structure	I.2.4.1, I.5.1.3, III.3.2.3
Fundamental group (algebraic, etale, topological)	III.1.4
Fundamental group (locally algebraic)	III.1.5
Fundamental group (orbifold)	III.4.2 III.4.5
Fundamental group (tempered)	III.2
Gauss-Manin connection	I.5.1, II.1.2, II.3.6.7
Gross-Koblitz formula	I.2.6
Hodge filtration	II.1.2.3, II.3.3
Katz' functor	I.2.4.3
Lerch-Chowla-Selberg-Ogus formula	I.4.6
Moduli problems	II.1.1, II.4
Monodromy (of p -adic differential equations)	III.3
Monodromy principle	I.1.1
Mumford curve	I.1.2.4
Mumford-Schwarz orbifold	III.5.3
Orbifold	III.4.1
Overconvergence	I.2.5
p -adic abelian period	I.4.4
p -adic Betti lattice	I.5.2, I.5.3, II.7.6, III.4.7, III.6.6
p -adic Gamma function	I.2.6, I.4.6, II.7.6, III.4.7, III.6.6
p -adic manifold	I.1.3.7, III.1.1

p -adic orbifold	III.4.4
p -adic period domain	II.5
p -adic period mapping	II.6
p -adic Riemann-Hilbert correspondence	III.3.4
p -adic triangle group	III.5.2
p -divisible group	II.2.1
Period domain	II.1.2
Period mapping	II.1.2
Quasi-isogeny	II.2.1
Raynaud-Berthelot construction	II.3.5
Semi-stable locus	II.5.2
Shimura curve	II.7.4 , II.7.5
Shimura variety (of PEL type)	II.1.1.4, II.1.2.5, II.7.1
Special formal module	II.4.3.4
Supersingular locus	I.3
Takeuchi's list	III.5.4
Tangential base point	III.2.2
Tate curve	I.1.2.3
Tate constant	I.3.4
Triangle group	III.5.1
Tube	II.3.5
Uniformization (of Shimura varieties)	II.7.2, II.7.3
Uniformization (Čerednik-Drinfeld-Boutot-Zink)	II.7.4, II.7.5
Uniformizing differential equation	III.4.3, III.4.6
Unit-root F -crystal	I.2.4
Unit-root F -crystal (ordinary)	I.3.2