GROUPS

CAYLEY DIAGRAMS

General;

541. G_4 and C_4. Wire tetrahedra. The elements are vertices, the operators colored and arrowed edges.

G_6 and C_6. On hemispheres with opposite points regarded as identical, a representation of the projective plane.

522. G_8 The five types in wire. Elements at vertices of a cube. With independent generators.

529. G_∞ Abelian. Generators of orders 2,3,5.

538.

539.

523.

Errors and omissions.

527.

Page	3.	25	For H_4	read F_4	
527*	9	497	$1,1,\lambda,\lambda^2\lambda$	$1,1,\lambda,\lambda^2\mu$	
540.	9	498	$1,1,1\lambda,\mu$	$1,1,1,\lambda^2\mu$	
525.	9	500	$1,1,\lambda^2,\lambda^3$	$1,1,\lambda^2,\lambda^2$	
526.	13	427	No 84	No 426	
	14	311	principal	binormals	
530.	16	333	333	323	
	19	453	453	454	
	22	181	181	191	oIIO
	23	98	98	198	

531.

Page 5 After 93 add

434 Focal spheres of ellipse (*a*), parabola (*b*), hyperbola (*c*)

Page 19 After 361 add

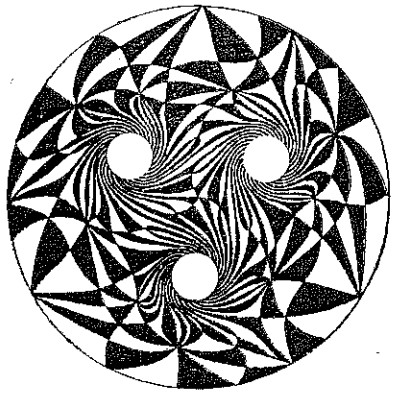
426 Potential Surface

$$z = \log[(x-1)^2+y^2] + \log[(x+1)^2+y^2] - \log[x^2+y^2]$$

524.

Page 20 After 60 add

442 Tessaract. Symmetrical projection in R_3.



The simple group of order 168. Schraffirte diagram.