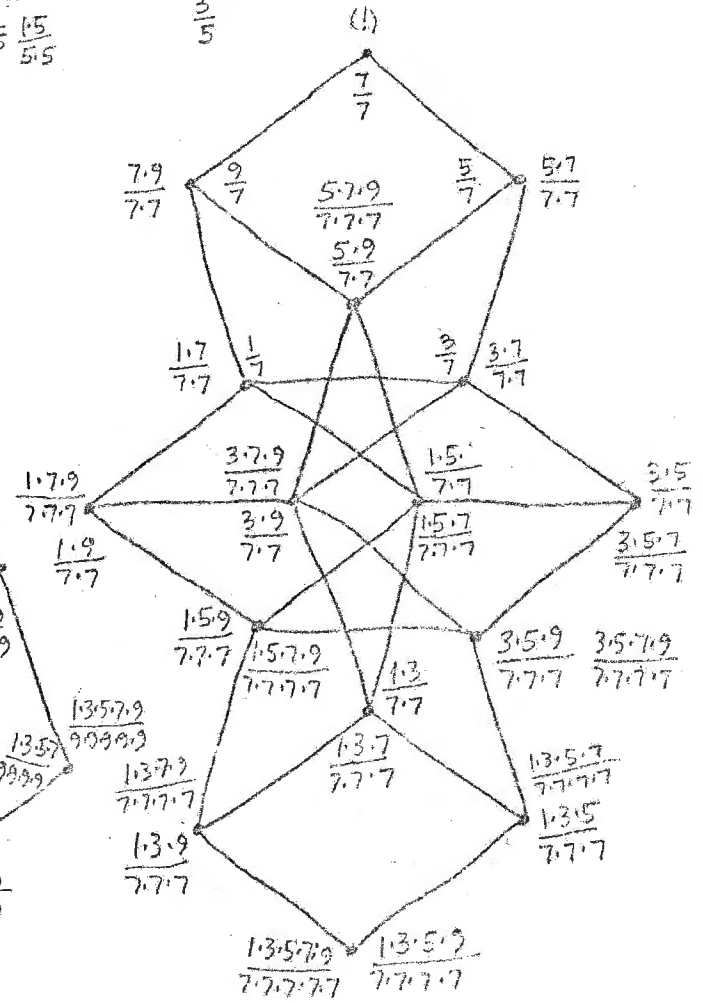
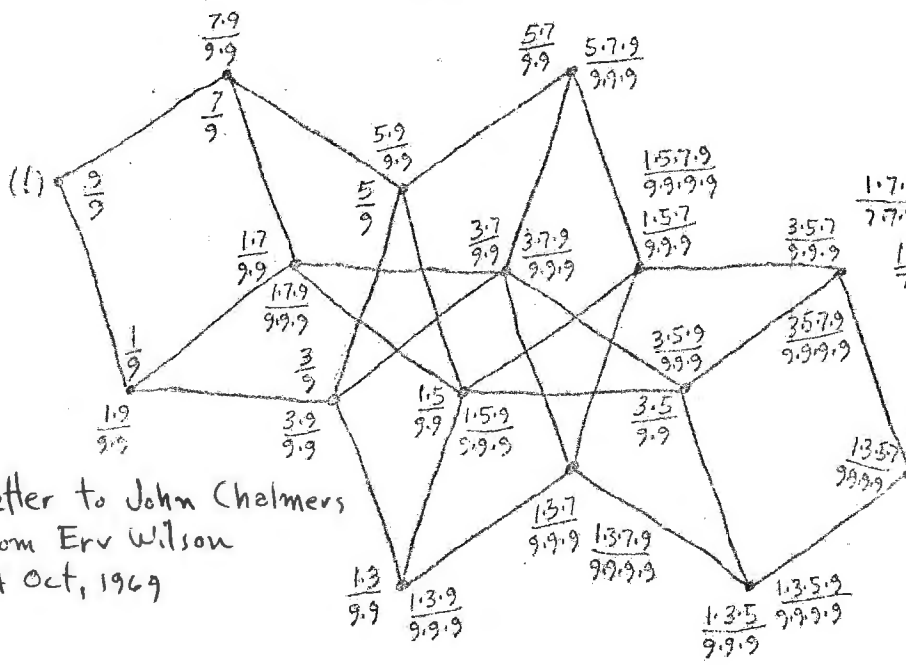
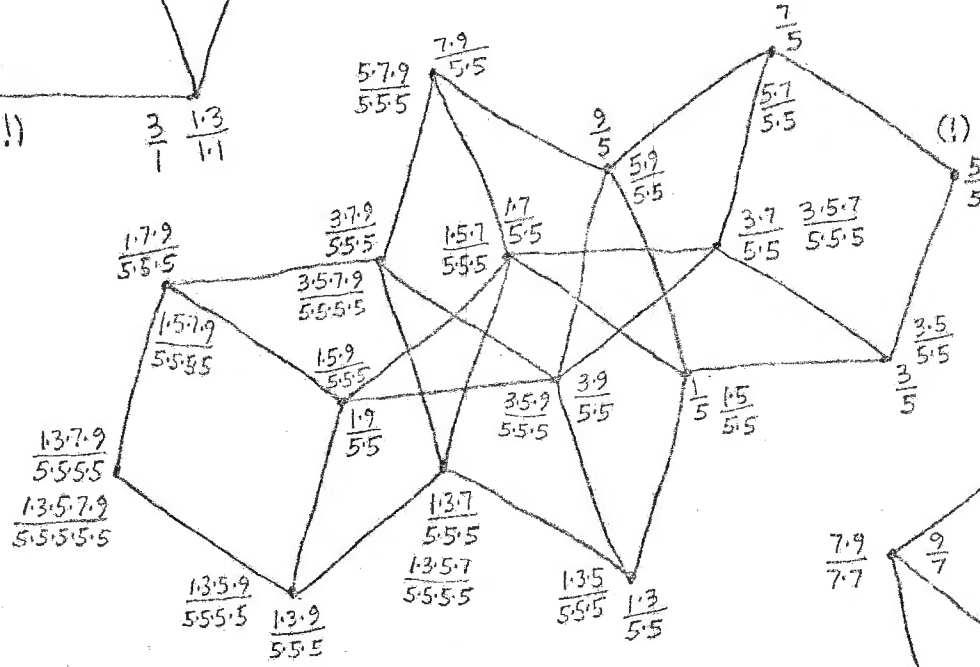
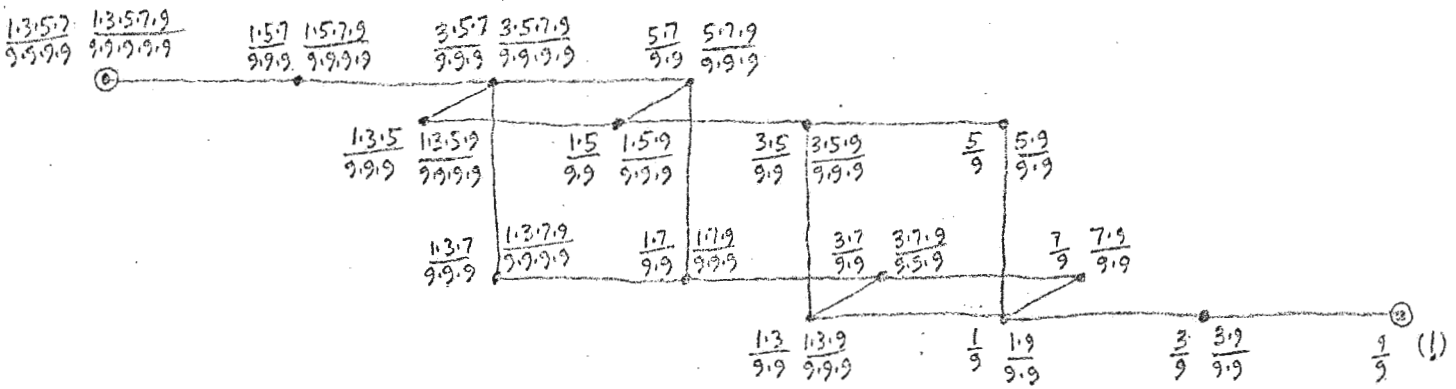
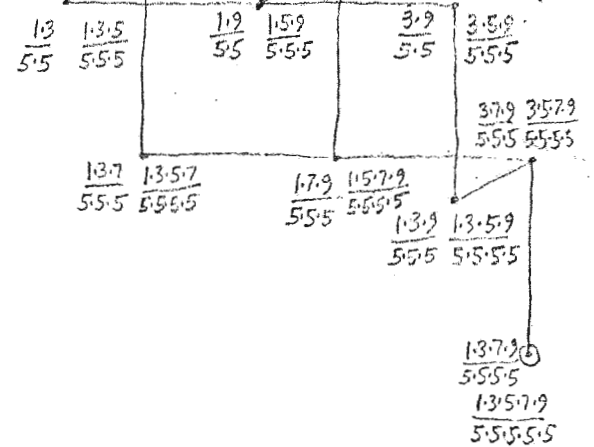
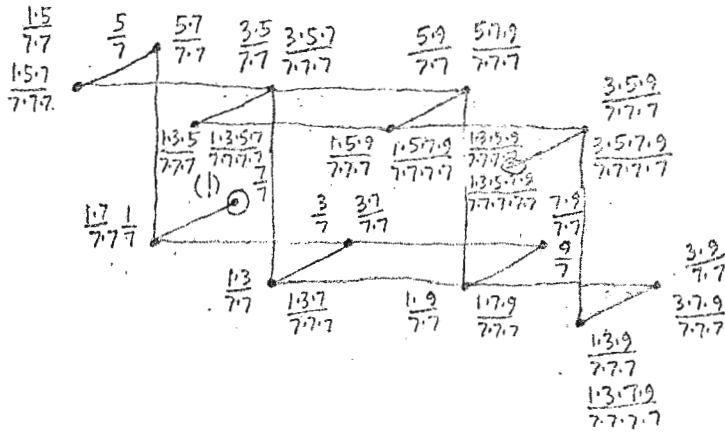
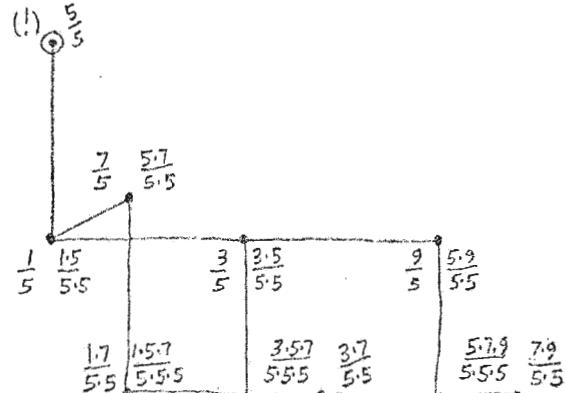
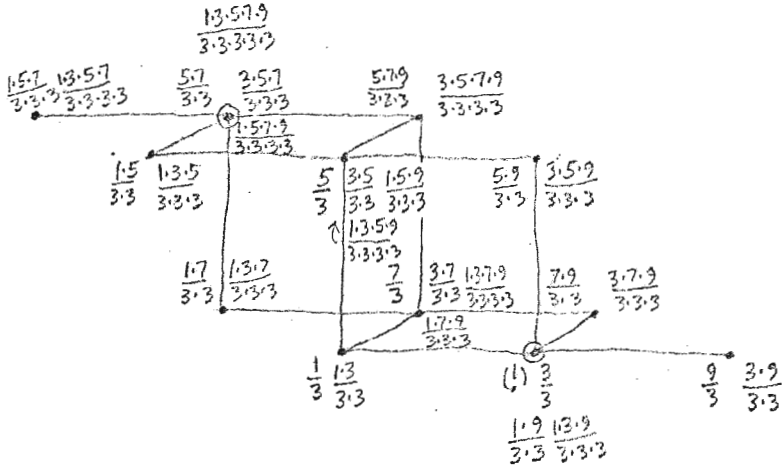
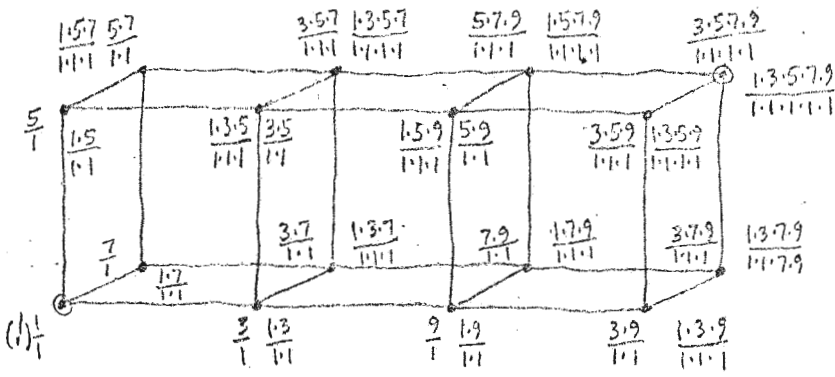


The 5 modes of the 13.5.7.9 genus

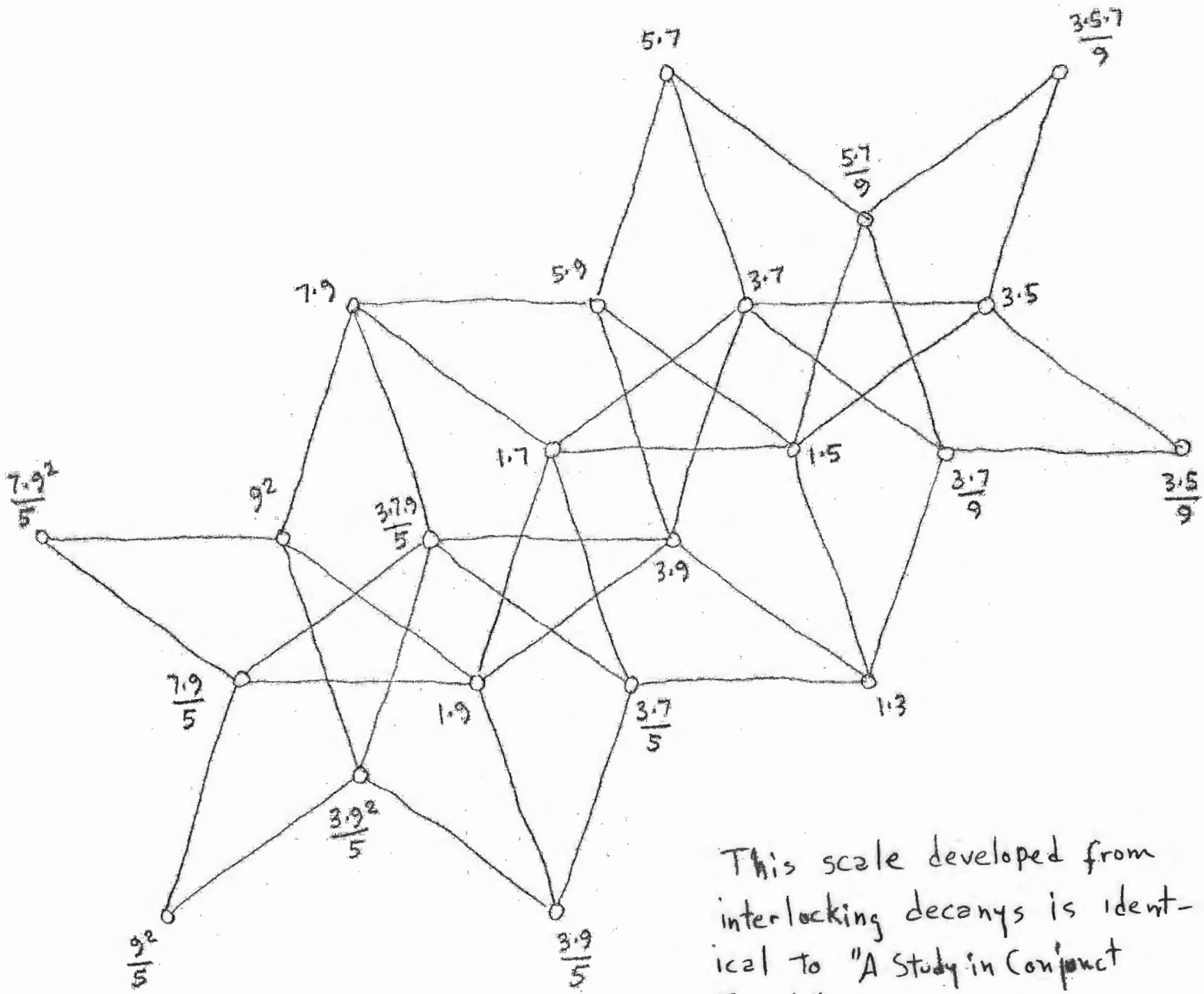


Letter to John Chalmers  
from Erv Wilson  
14 Oct, 1969

These figures relate to those on the previous page

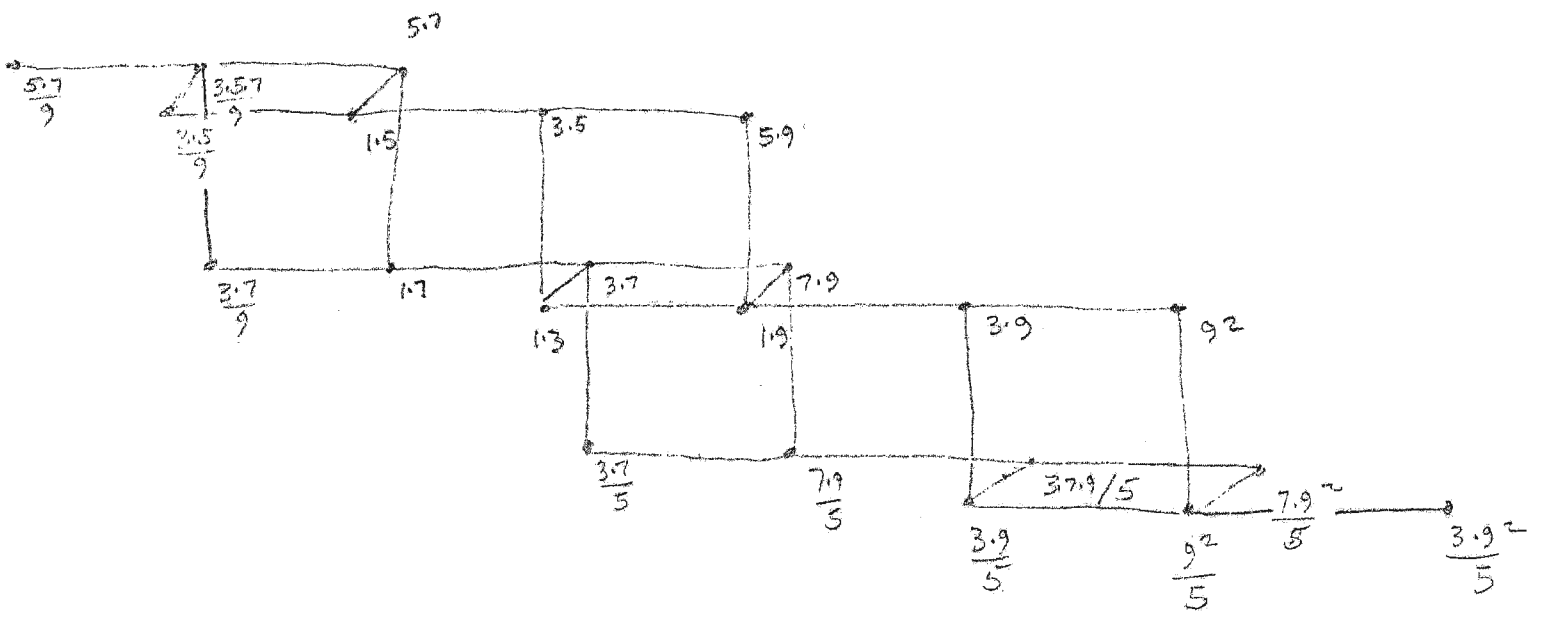


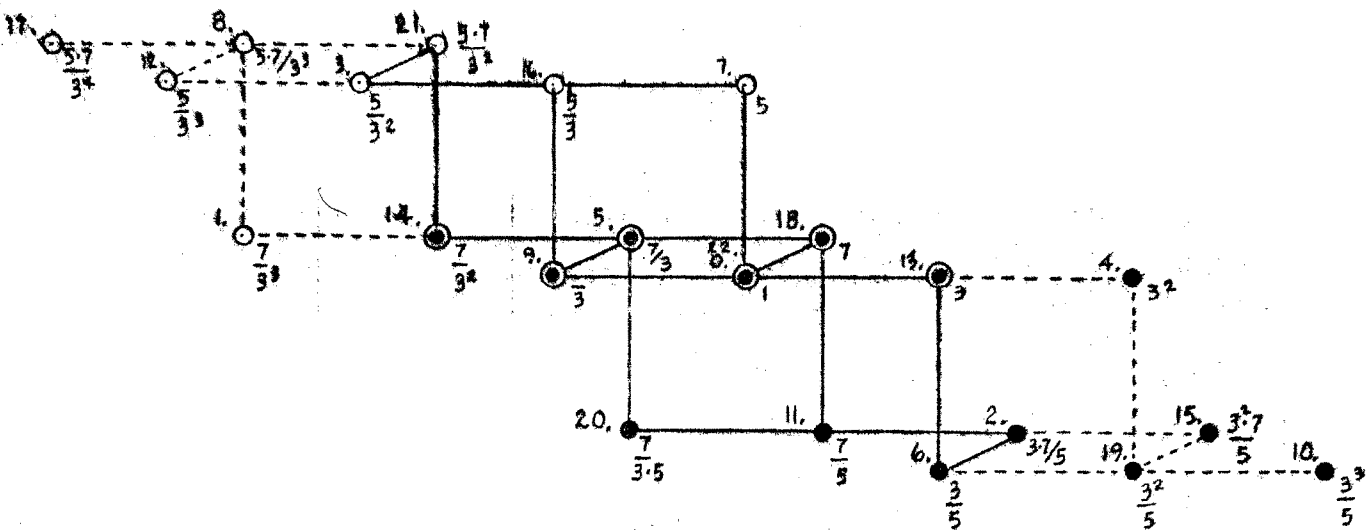
Eliminating the generating and culminating torus  $\odot$ , we see the familiar hexany, flankage sets



This scale developed from interlocking decagons is identical to "A Study in Compact Facets" done in 67

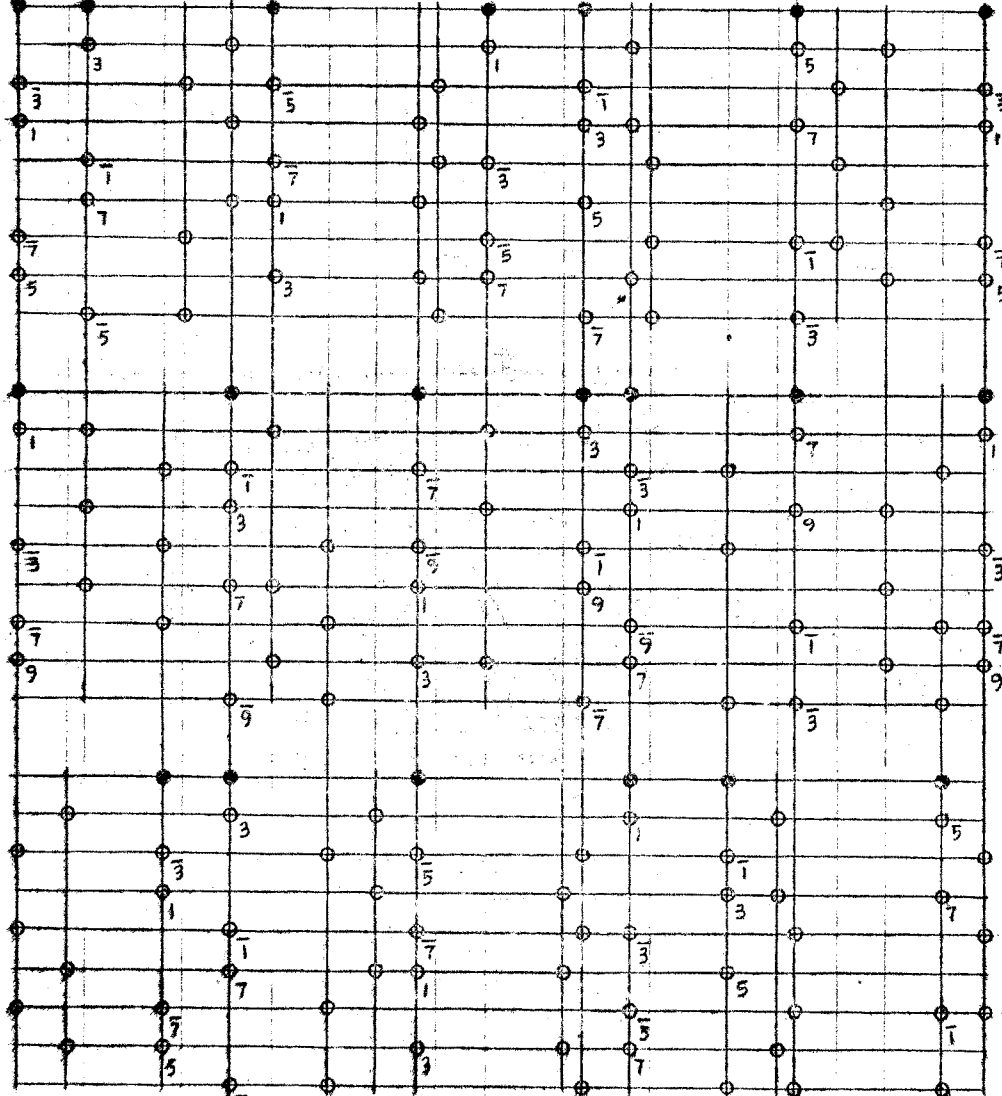
This lattice relates to the structure on the previous page, and is further seen to be identical to "A Study in Conject Facets,"





0. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22.

1  $\frac{7}{3^3}$   $\frac{3 \cdot 7}{5}$   $\frac{5}{3^2}$   $\frac{7}{3}$   $\frac{3}{5}$   $\frac{5}{3}$   $\frac{5 \cdot 7}{3^3}$   $\frac{3^3}{3 \cdot 5}$   $\frac{7}{5}$   $\frac{5}{3^3}$   $\frac{7}{3^2}$   $\frac{3 \cdot 7}{5}$   $\frac{5}{3}$   $\frac{5 \cdot 7}{3^4}$   $\frac{7}{5}$   $\frac{3^2}{5}$   $\frac{7}{3 \cdot 5}$   $\frac{5 \cdot 7}{3^2}$   $\frac{7}{5}$   $\frac{5 \cdot 7}{3^2}$



- HEXANYS
- 1-3-5-7 BASIC
  - 1-3-5-9 BASIC
  - 1-3-5-9 BASIC
  - 1-3-7-9 CONJUNCT FACETS
  - 1-3-7-9 CONJUNCT FACETS
  - 1-5-7-9 CONJUNCT FACETS
  - 1-5-7-9 CONJUNCT FACETS
  - 3-5-7-9 CONJUNCT FACETS
  - 3-5-7-9 CONJUNCT FACETS
  - 1-3-7-9 BASIC
  - 1-3-5-7 BASIC
  - 1-3-5-7 BASIC
  - 1-3-5-9 BASIC
  - 1-3-5-9 BASIC
  - 1-5-7-9 CONJUNCT FACETS
  - 1-5-7-9 CONJUNCT FACETS
  - 3-5-7-9 CONJUNCT FACETS
  - 3-5-7-9 CONJUNCT FACETS
  - 1-3-5-7 BASIC
  - 1-3-5-9 BASIC
  - 1-3-5-9 BASIC
  - 1-3-7-9 CONJUNCT FACETS
  - 1-3-7-9 CONJUNCT FACETS
  - 1-5-7-9 CONJUNCT FACETS
  - 1-5-7-9 CONJUNCT FACETS
  - 3-5-7-9 CONJUNCT FACETS
  - 3-5-7-9 CONJUNCT FACETS

BLACK CIRCLES

SOLID LINES

WHITE CIRCLES

A STUDY IN CONJUNCT FACETS