"Krazy Kollection of Konnected Klein-Knottles"

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Multiple “4-stub Dyck Funnels” are joined into symmetrical clusters based on Platonic and Archimedean polyhedra.

Introducing the basic “4-stub Dyck Funnel”:

- Single funnel, two handles, 2-sided surface.  
  ➔ Genus = 2; Euler-char. = −3; 1 border.

- Single funnel, two cross handles, single-sided surface.  
  ➔ Genus = 4; Euler-characteristic = −3; 1 border.

- Four funnels, 8 handles, 2-sided surface.  
  ➔ Genus = 5; Euler-char. = −12; 4 borders.

Regular single-sided (non-orientable) clusters of multiple “4-stub Dyck Funnels”:

- Tetra-cluster, 6 funnels, genus 14.  
  ➔ Sum of 7 Klein bottles.

  ➔ Sum of 13 Klein bottles.

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- Dodeca-cluster, 24 funnels, genus 50.  
  ➔ Sum of 25 Klein bottles.