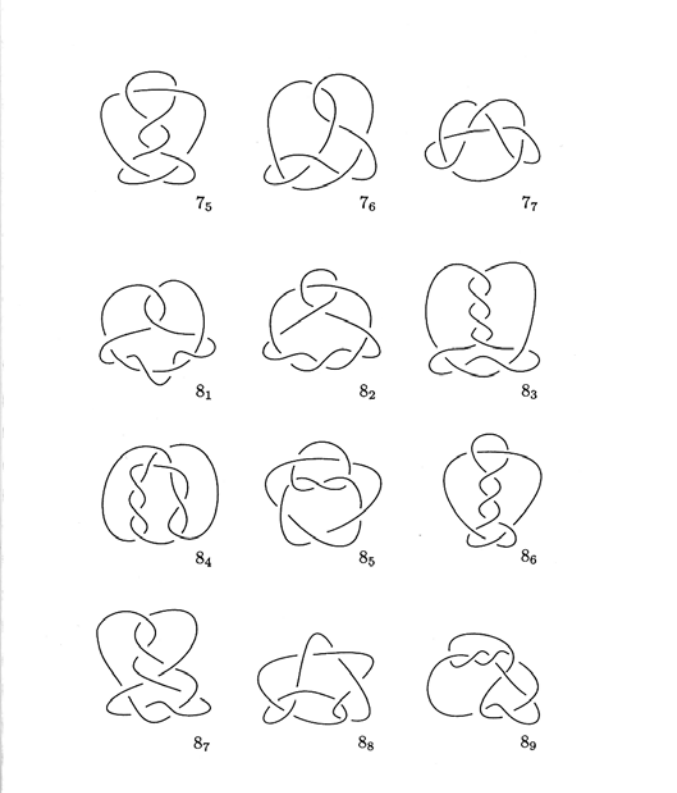
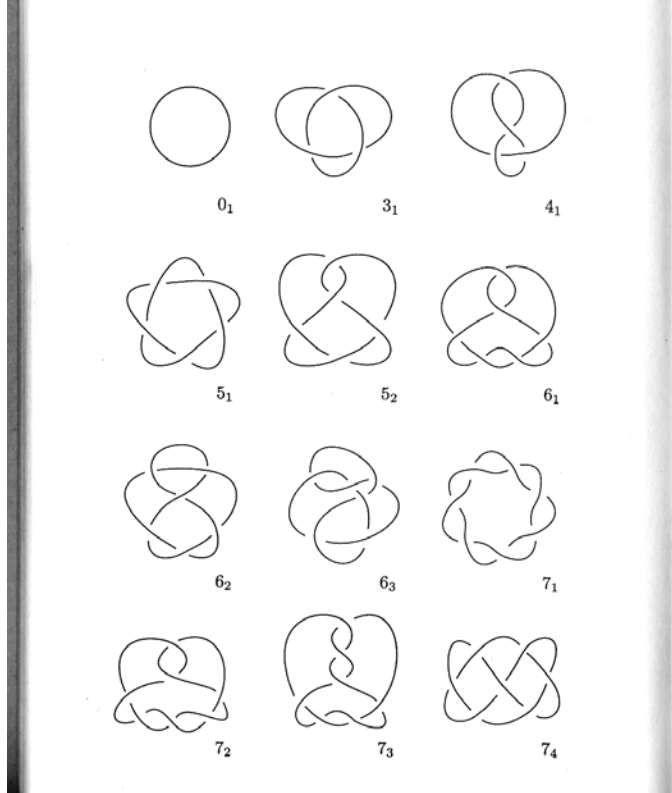


Knotentheorie Alexanderpolynome

21 \

Anhang 1: Knotentafel

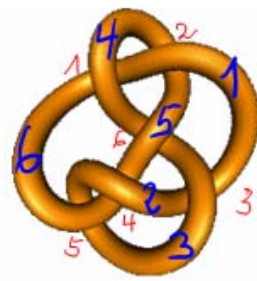
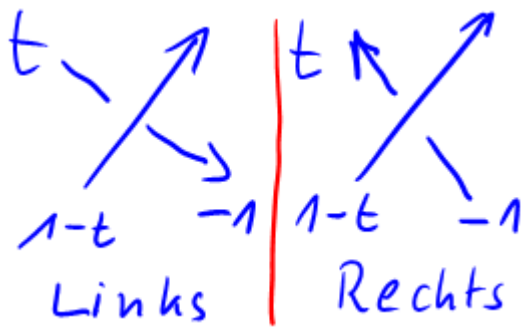
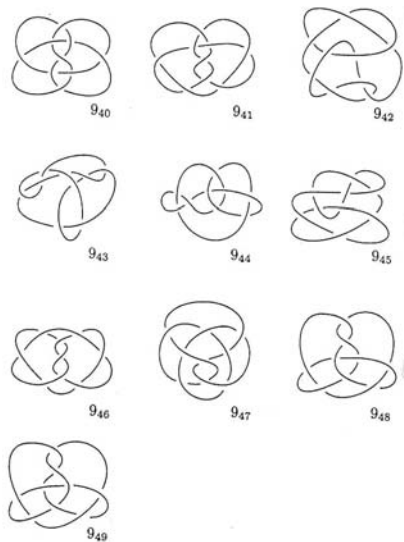
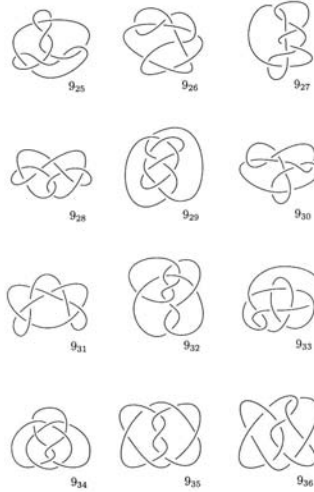
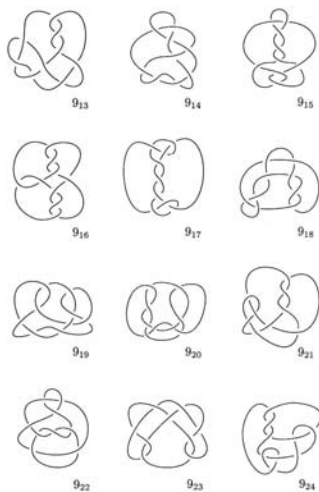
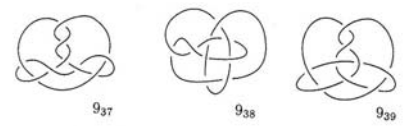
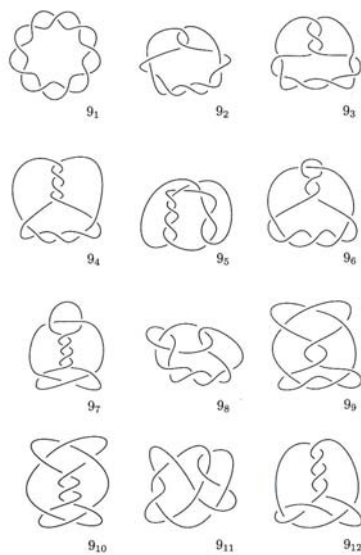
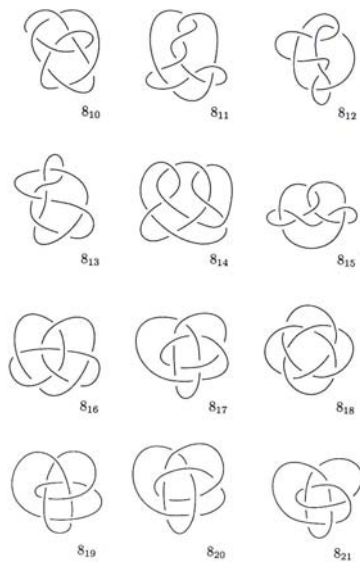


- 3₁ $t^2 - t + 1$
- 4₁ $t^2 - 3t + 1$
- 5₁ $t^4 - t^3 + t^2 - t + 1$
- 5₂ $2t^2 - 3t + 2$
- 6₁ $2t^2 - 5t + 2$
- 6₂ $t^4 - 3t^3 + 3t^2 - 3t + 1$
- 6₃ $t^4 - 3t^3 + 5t^2 - 3t + 1$
- 7₁ $t^6 - t^5 + t^4 - t^3 + t^2 - t + 1$
- 7₂ $3t^2 - 5t + 3$
- 7₃ $2t^4 - 3t^3 + 3t^2 - 3t + 2$
- 7₄ $4t^2 - 7t + 4$
- 7₅ $2t^4 - 4t^3 + 5t^2 - 4t + 2$
- 7₆ $t^4 - 5t^3 + 7t^2 - 5t + 1$
- 7₇ $t^4 - 5t^3 + 9t^2 - 5t + 1$
- 8₁ $3t^2 - 7t + 3$
- 8₂ $t^6 - 3t^5 + 3t^4 - 3t^3 + 3t^2 - 3t + 1$
- 8₃ $4t^2 - 9t + 4$
- 8₄ $2t^4 - 5t^3 + 5t^2 - 5t + 2$
- 8₅ $t^6 - 3t^5 + 4t^4 - 5t^3 + 4t^2 - 3t + 1$

- 9₃₇ $2t^4 - 11t^3 + 19t^2 - 11t + 2$
- 9₃₈ $5t^4 - 14t^3 + 19t^2 - 14t + 5$
- 9₃₉ $3t^4 - 14t^3 + 21t^2 - 14t + 3$
- 9₄₀ $t^6 - 7t^5 + 18t^4 - 23t^3 + 18t^2 - 7t + 1$
- 9₄₁ $3t^4 - 12t^3 + 19t^2 - 12t + 3$
- 9₄₂ $t^4 - 2t^3 + t^2 - 2t + 1$
- 9₄₃ $t^6 - 3t^5 + 2t^4 - t^3 + 2t^2 - 3t + 1$
- 9₄₄ $t^4 - 4t^3 + 7t^2 - 4t + 1$
- 9₄₅ $t^4 - 6t^3 + 9t^2 - 6t + 1$
- 9₄₆ $2t^2 - 5t + 2$
- 9₄₇ $t^6 - 4t^5 + 6t^4 - 5t^3 + 6t^2 - 4t + 1$
- 9₄₈ $t^4 - 7t^3 + 11t^2 - 7t + 1$
- 9₄₉ $3t^4 - 6t^3 + 7t^2 - 6t + 3$

Charles Livingston
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Alexandermatrix: Jede Kreuzung hat ihre Zeile, jeder Strang seine Spalte.
 Dann eine Zeile und eine Spalte streichen.
 Das Alexanderpolynom ist die Determinante der reduzierten Alexandermatrix.