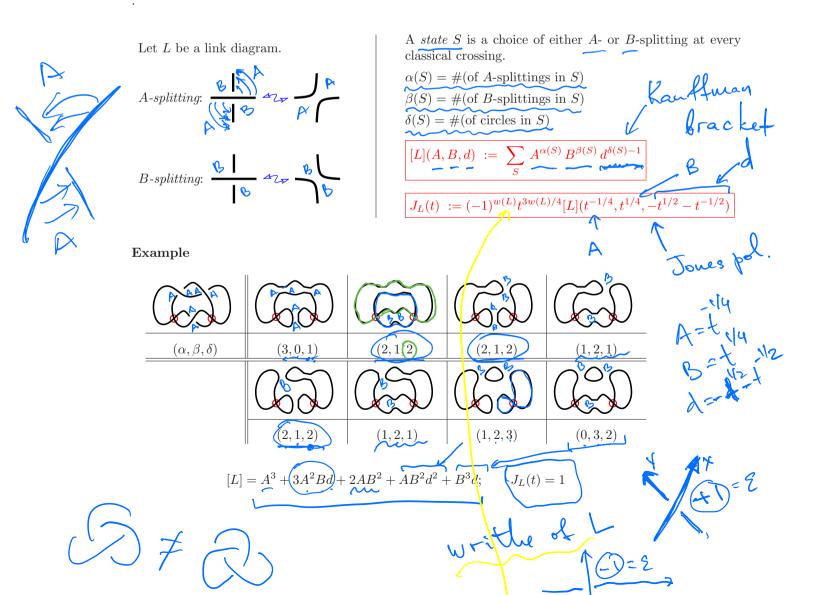
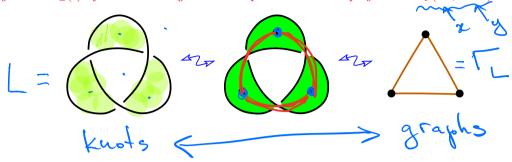


The Kauffman bracket and the Jones polynomial [Kal]





**Thistlethwaite's Theorem** [Ka1] Up to a sign and multiplication by a power of t the Jones polynomial  $J_L(t)$  of an alternating link L is equal to the Tutte polynomial  $T_{\Gamma}(-t, -t^{-1})$ .



References

[Ka1] L. H. Kauffman, New invariants in knot theory, Amer. Math. Monthly 95 (1988) 195–242.
[Ka2] L. Kauffman, Virtual knot theory, European Journal of Combinatorics, 20 (1999) 663–690.