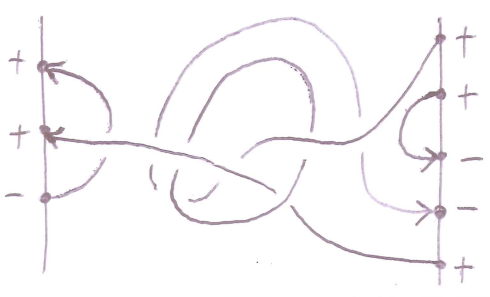
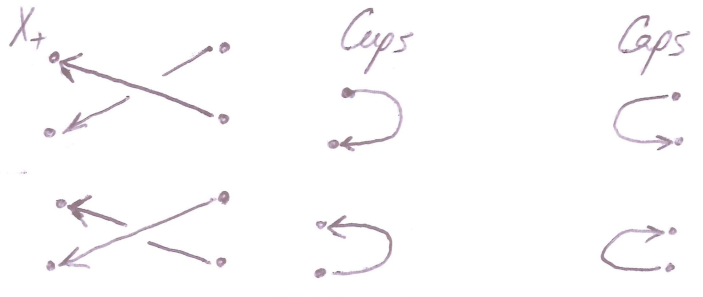


Pic 3.1: tangle diagram

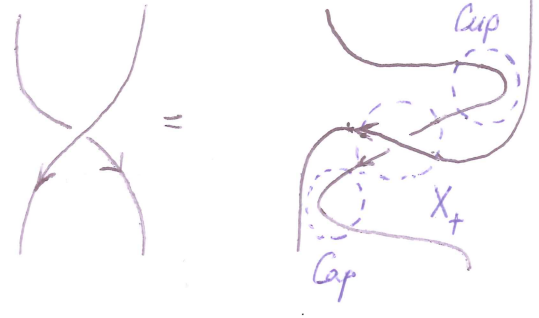


Picture 3: tangles

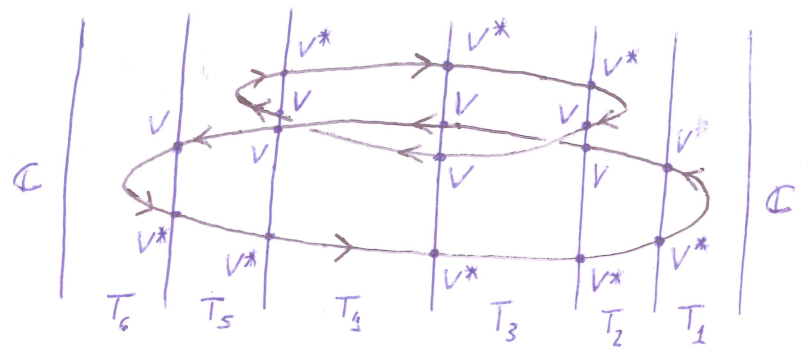
Tangles X_{\pm} , caps and cups (Pic 3.2)



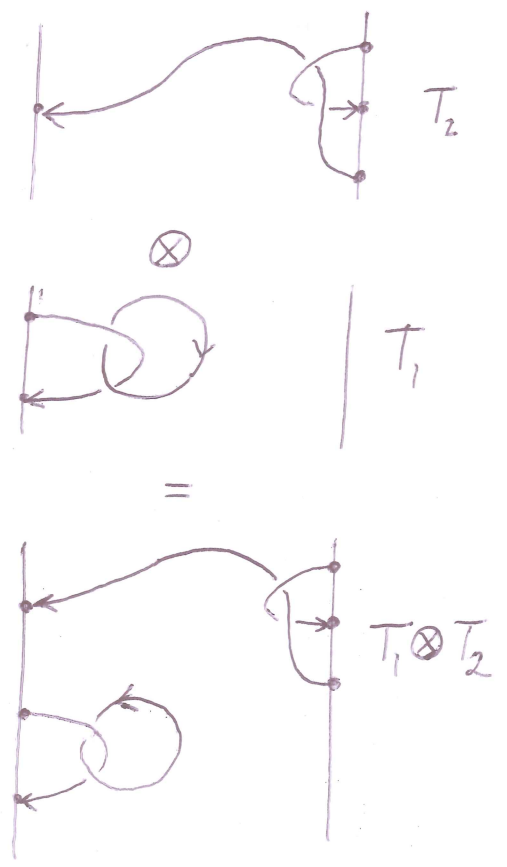
Pic 3.3: Other crossings



Pic 3.5



Pic 3.4: Tensor product



Pic 3.6: Homomorphisms φ for cups and caps

