Every doodle has a canonical form. A Brunnian doodle.
Goussarov's alternation in parameter space.
The "Borromean" alternation example.
The "linking number" changes by one under a triple point move. This is the Arnold "strangeness".
"Positive" and "negative" triple points.
End of strangeness discussion.
n/n+1 discussion begins.
Always use a fixed rotation number.
Moving joint pieces.
What remains, including the "rotation number" integer.
Forgetting the "rotation" integers.
The "rotation" punchline.
Coming to "doodle links".
Smoothing the forks to get rotation-number-1 doodle links.
The subdivision/theta relation.
Result after moding by theta.
Anti-symmetry and proof.
The tetrahedron relation and proof.
The ring exchange relation.
Reducing to the "chords".
Removing monochromatic double points.
Cutting disks into small pieces.
Further cuttings near "shielded" double points.
Rushed end of cutting proof.
The combinatorial information in a "chord diagram".
PAUSE.