Schneiders's Open Problem

1. duality
2. 2 curves, A & B
   Contract B out (or in)
   Hexes formed either way
3. laid flat
4. join chords ce
5. cross chords abc
   forms a dual hex
6. join chords af
7. cross chords cgdf
   forms a dual hex
8. join cf
9. Simple curve done
   Note: there are many variations, e.g., of order of ops
   e.g. 6 cross dgf
   7 join dg
   8 join cf
10. These variations may result in
    better or worse pillowing
11. Note: the two hexes are
    formed at a point of
    triple self-intersection,
    as in a "boy surface"
    not a pinch point
12. Pillow like crazy to remove degeneracies. The 6 hexes
    become about 120.
13. Dualize to get proper hexes
    and smooth. May have
    inverted elements anyway

"Hex meshed in 9 standard dual steps, plus
pillowing from Hell"
-Seth Mitchell, samitch@sandia.gov