

```
/*
 * canonize.h
 *
 * In canonize_part_1.c, canonize_part_2.c, and canonize_result.c, the sum
 * of the tilts of two Tetrahedra relative to their common face is
 * considered to be zero iff it lies between -CONCAVITY_EPSILON and
 * +CONCAVITY_EPSILON.
 *
 * 95/10/20 cusp_neighborhoods.c now includes this file as well,
 * so it can suppress the drawing of faces which serve only to subdivide
 * the canonical cell decomposition into tetrahedra.
 *
 * 97/3/1 The processing of the data for 16-crossing knots led
 * to several examples which sometimes were reported to have
 * canonical decompositions with cells other than tetrahedra,
 * and sometimes not. This led me to suspect that CONCAVITY_EPSILON
 * was too big, so I changed it from 1e-6 to 1e-7. (This problem
 * hadn't arisen with snappea 1.3.x because the latter normalized
 * cusp volumes to 1.0, whereas SnapPea 2.x normalizes them to
 * (3/16)sqrt(3).) Eventually I may need to adopt a more sophisticated
 * approach to using CONCAVITY_EPSILON, somehow taking into account
 * the volume of the cusp.
 */

#define CONCAVITY_EPSILON 1e-7
```