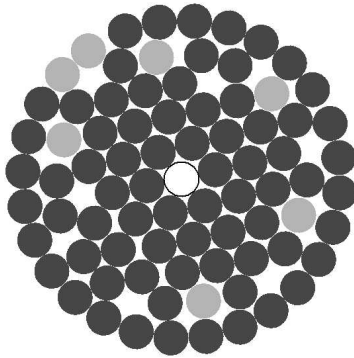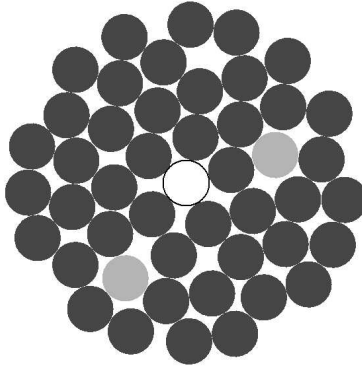FIG. 15: DLP optimal packings that exhibit imperfect symmetry. (a) $N = 59$, $R_{min}(59) = 4.824374$, point group C_1. (b) $N = 80$, $R_{min}(80) = 4.514170$, point group C_1. (c) $N = 46$, $R_{min}(46) = 3.414304$, point group C_1.

15 and in Fig. 16.

Qualitatively, it appears that the radial width of the surface zone tends to increase with number of disks, though not as fast as the radial width of the bulk. Due to computational