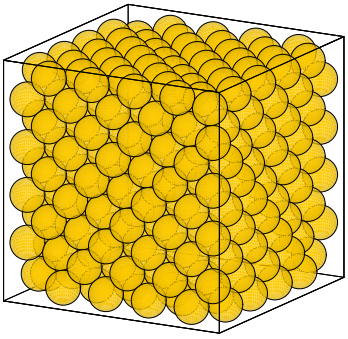
N = 445

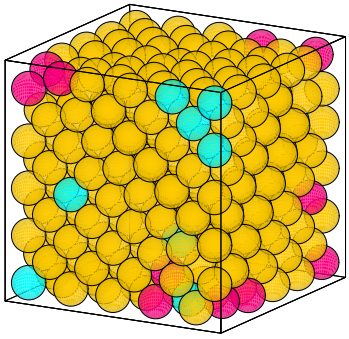
445 spheres in a cube



radius = 0.070143357040 density = 0.643292165150
ratio = 14.256517540567 contacts = 2400

N = 446

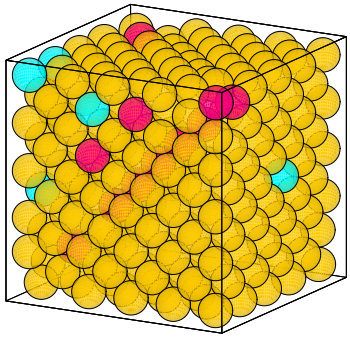
446 spheres in a cube



radius = 0.069233802994 density = 0.619980502608
ratio = 14.443811501828 contacts = 1235

N = 447

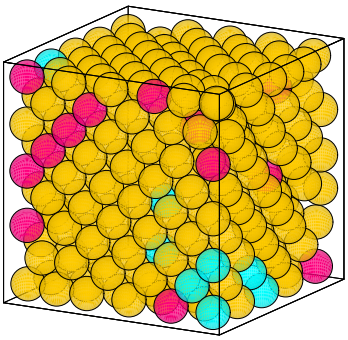
447 spheres in a cube



radius = 0.069030229278 density = 0.615905496725
ratio = 14.486407048900 contacts = 1276

N = 448

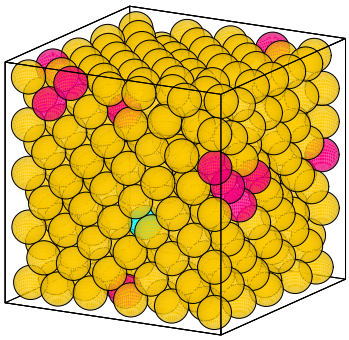
448 spheres in a cube



radius = 0.068838283188 density = 0.612148394846
ratio = 14.526800403621 contacts = 1260

N = 449

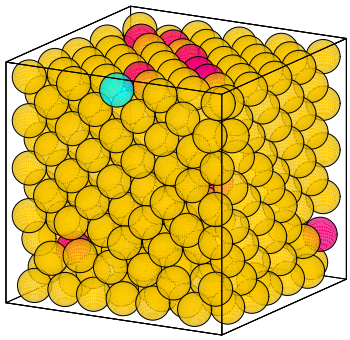
449 spheres in a cube



radius = 0.068623603058 density = 0.607792729516
ratio = 14.572245633253 contacts = 1344

N = 450

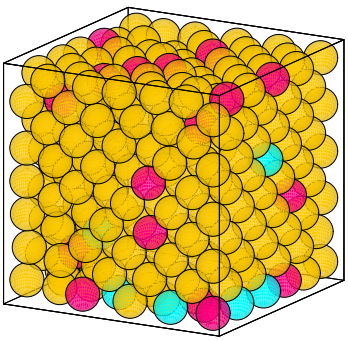
450 spheres in a cube



radius = 0.068542689380 density = 0.606994205241
ratio = 14.589447963677 contacts = 1327

N = 451

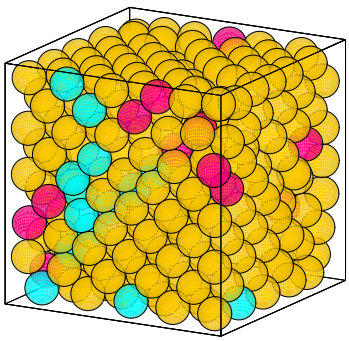
451 spheres in a cube



radius = 0.068531435213 density = 0.608043475096
ratio = 14.591843828922 contacts = 1281

N = 452

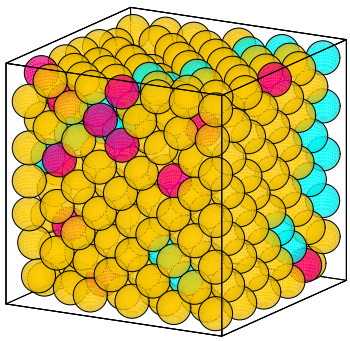
452 spheres in a cube



radius = 0.068435908463 density = 0.606846923177
ratio = 14.612211958005 contacts = 1281

N = 453

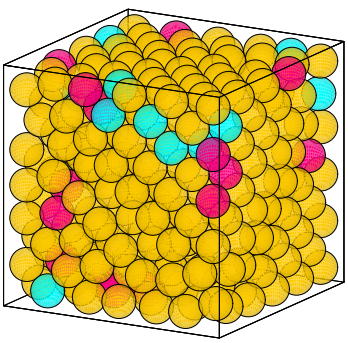
453 spheres in a cube



radius = 0.068412411225 density = 0.607563260497
ratio = 14.617230734802 contacts = 1151

N = 454

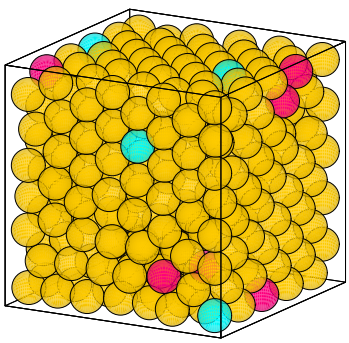
454 spheres in a cube



radius = 0.068341895681 density = 0.607023529674
ratio = 14.632312873903 contacts = 1255

N = 455

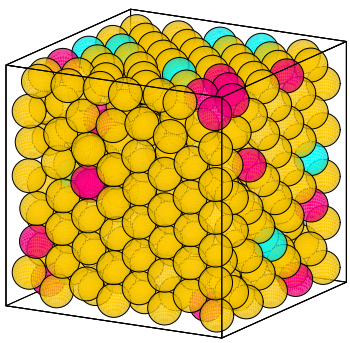
455 spheres in a cube



radius = 0.068174546733 density = 0.603902438771
ratio = 14.668231002935 contacts = 1288

N = 456

456 spheres in a cube



radius = 0.068102970391 density = 0.603325408663
ratio = 14.683647339590 contacts = 1226