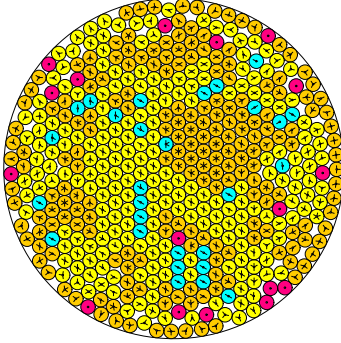


N = 469

469 circles in a circle

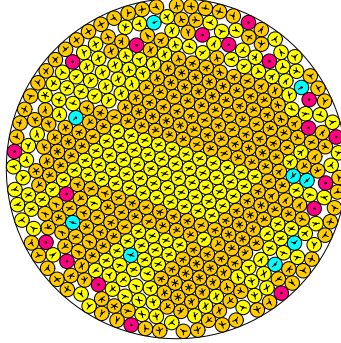


radius = 0.042648872937 density = 0.853076464156  
ratio = 23.447278465596 contacts = 877

© R. Bostel  
23-04-2023

N = 470

470 circles in a circle

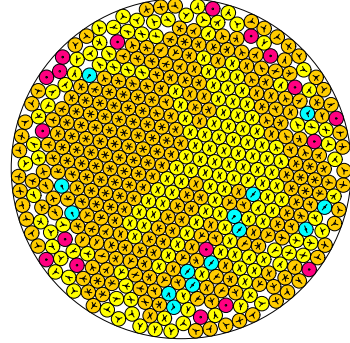


radius = 0.042608082449 density = 0.853260884287  
ratio = 23.469725519782 contacts = 944

© R. Bostel  
23-04-2023

N = 471

471 circles in a circle

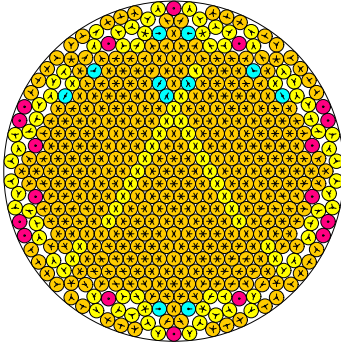


radius = 0.042563111325 density = 0.853272287924  
ratio = 23.494523047319 contacts = 962

© R. Bostel  
23-04-2023

N = 472

472 circles in a circle

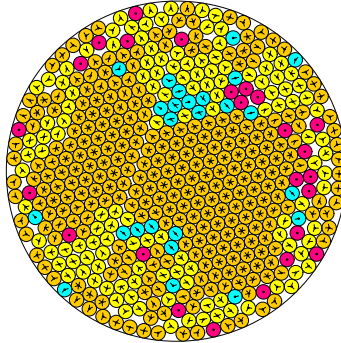


radius = 0.042330647398 density = 0.853780024954  
ratio = 23.512456463424 contacts = 1033

© R. Bostel  
23-04-2023

N = 473

473 circles in a circle

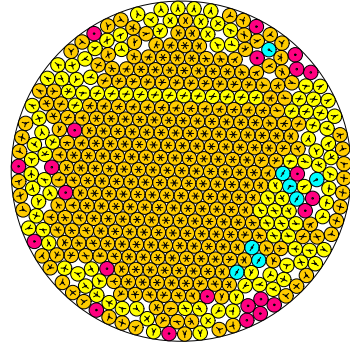


radius = 0.042470114404 density = 0.853155122071  
ratio = 23.543969063432 contacts = 976

© R. Bostel  
23-04-2023

N = 474

474 circles in a circle

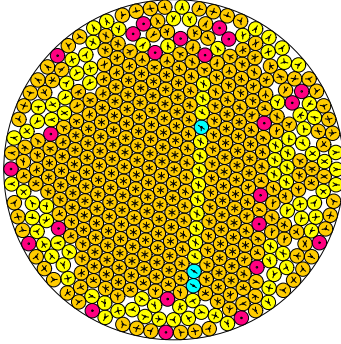


radius = 0.042434766924 density = 0.853536276408  
ratio = 23.565582480752 contacts = 1062

© R. Bostel  
23-04-2023

N = 475

475 circles in a circle

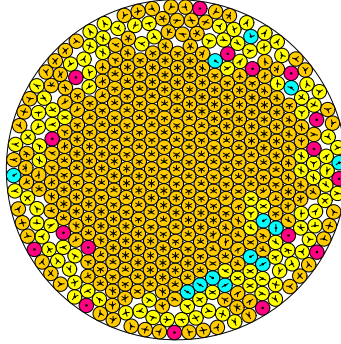


radius = 0.0423333004528 density = 0.856615804189  
ratio = 23.575238434924 contacts = 1064

© R. Bostel  
23-04-2023

N = 476

476 circles in a circle

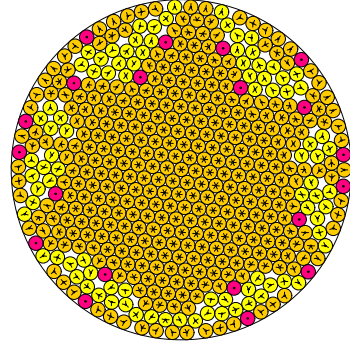


radius = 0.042371406985 density = 0.854579597814  
ratio = 23.600821194393 contacts = 1036

© R. Bostel  
23-04-2023

N = 477

477 circles in a circle

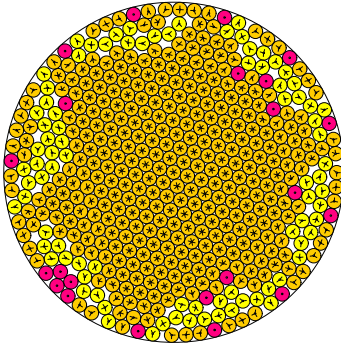


radius = 0.042356035851 density = 0.858754109726  
ratio = 23.609386003874 contacts = 1120

© R. Bostel  
23-04-2023

N = 478

478 circles in a circle

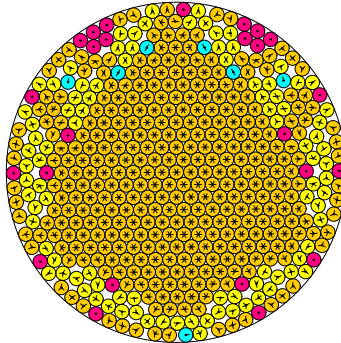


radius = 0.0423333004528 density = 0.856615804189  
ratio = 23.622230719302 contacts = 1130

© R. Bostel  
23-04-2023

N = 479

479 circles in a circle

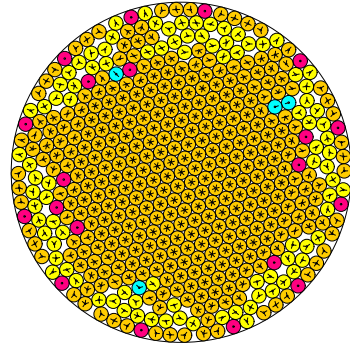


radius = 0.042312714694 density = 0.857585238191  
ratio = 23.633557962316 contacts = 1121

© R. Bostel  
23-04-2023

N = 480

480 circles in a circle



radius = 0.042297488141 density = 0.858757201452  
ratio = 23.642065852004 contacts = 1126

© R. Bostel  
23-04-2023