Name	Domain	Dynamic Subsets	Computable	Deterministic	Efficiency	Smooth Natural Ordering	References
HEALPix	$N = 12k^2$	●	●	●	●	●	
2D Golden Means	$N > 1$	●	●	●	●		Chan/Plews
Radial Icosahedral	$N = 10k^2+2$	●	●	●	●		
Mesh Icosahedral	$N = 10(j^2+jk+k^2)+2$	●	●	●	●		
Cubed Sphere	$N = 6k^2+12k+8$	●	●	●	**		
Octahedral	$N = 4k^2+2$	●	●	●	**		
Hammersley	$N > 2$	●	●	●			Chan/Plews
Random	$N > 1$	●	●				Chan/Plews
Generalized Spiral	$N > 2$		●	●	●	●	Wong, Saff
Fibonacci	N odd		●	●	●		
Coulomb*	$N > 1$				●		

*Log and Max Determinant also, **not equidistant