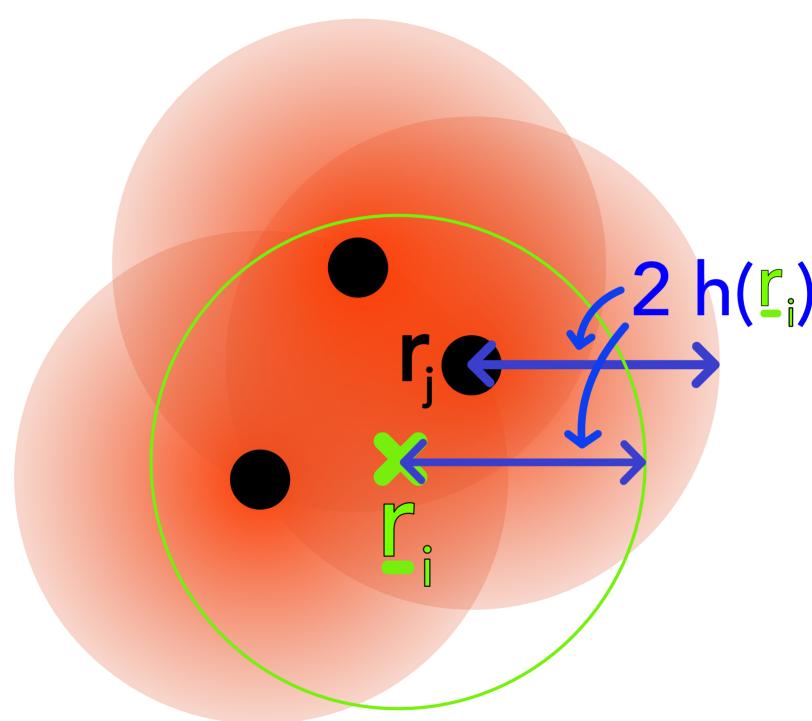
gather



relevant region for ρ

r: point of interest