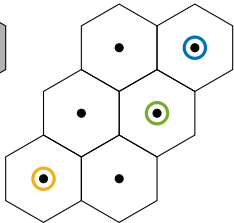
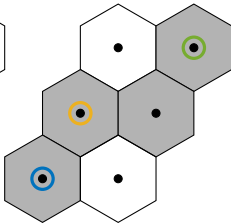
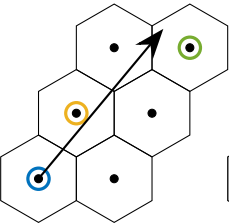


$$x_i + (\nabla^2 f_i^a(x_i))^{-1} \nabla f_i^a(x_i)$$



$$v_i \text{ at } x_i^{\text{new}}$$

$$v_i \text{ at } x_i$$