

- $x=[0 \ 1 \ 1 \ 0 \ 0];$
- $y=[0 \ 0 \ 1 \ 1 \ 0];$
- $\text{line}(x,y);$
- hold on
- for $i=0:10$
- $\alpha = 0.01*i;$
- $x_n=x-\alpha*y;$
- $y_n=y+\alpha*x;$
- $\text{line}(x_n,y_n);$
- end

